

Product Datasheet

PI3-kinase p110 subunit beta Recombinant Rabbit Monoclonal Antibody (orb559167)

Catalog Number	orb559167
Category	Antibodies
Description	PI3-kinase p110 subunit beta Recombinant Rabbit Monoclonal Antibody
Target	PIK3CB
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	A synthesized peptide derived from human PI3 kinase p110 beta (401-450aa)
UniProt ID	P42338
MW	110 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

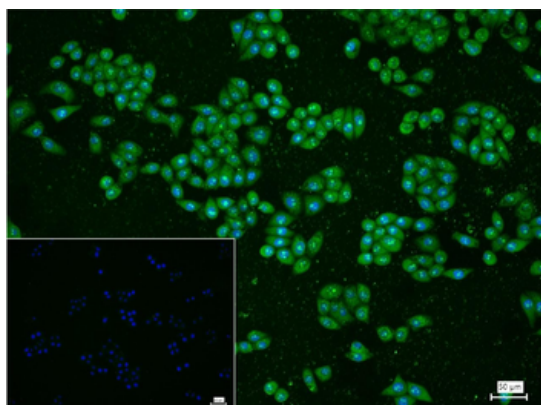
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

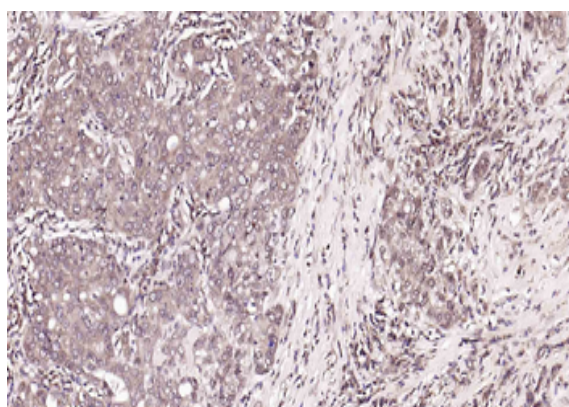
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:50-200, IF=1:100-500
Antibody Type	Primary Antibody
Clone Number	B56H34
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



4% Paraformaldehyde-fixed MCF-7 (H) cell, Triton X-100 at r.t. for 20 min, Antibody incubation with (PI3-kinase p110 subunit beta) monoclonal Antibody, unconjugated (orb559167) 1:200, 90 min at 37°C, followed by conjugated Goat Anti-Rabbit IgG antibody (green, orb868805) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

Biorbyt Ltd.

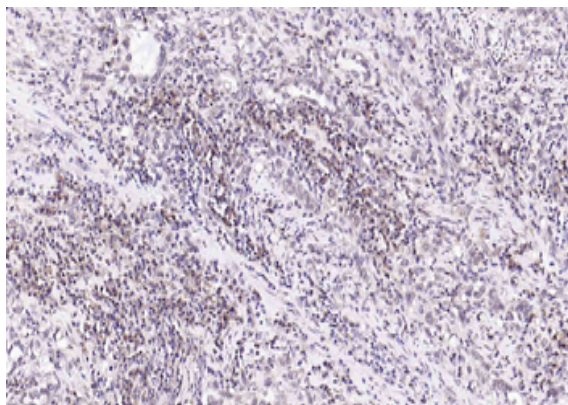
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

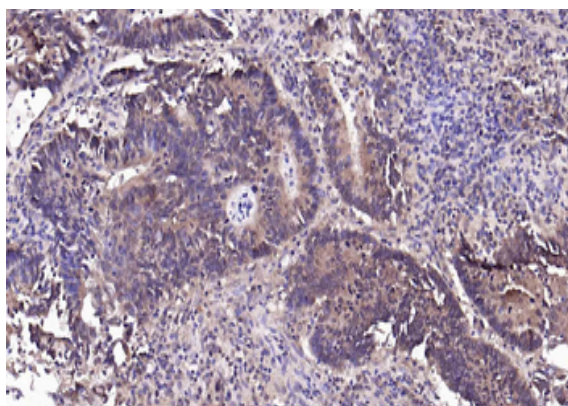
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

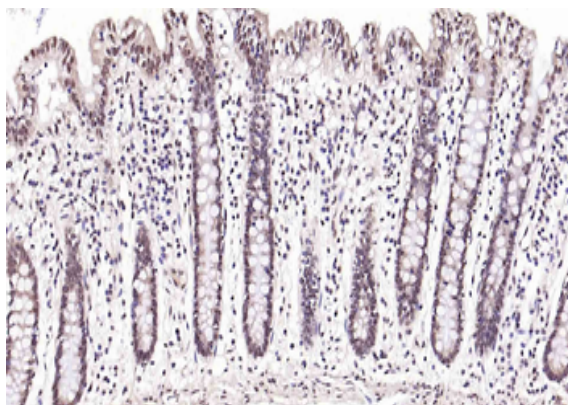
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

Biorbyt Ltd.

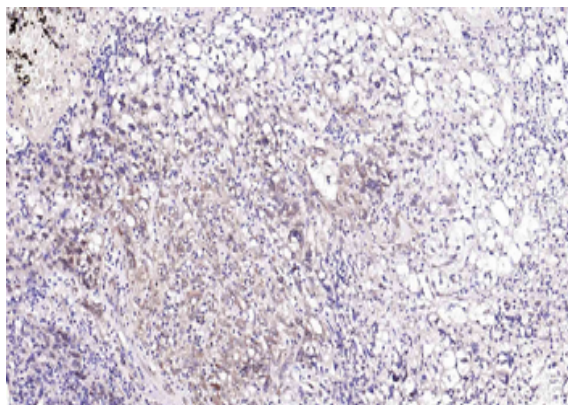
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

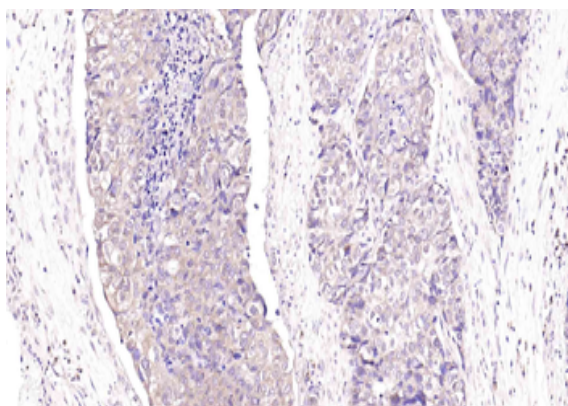
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

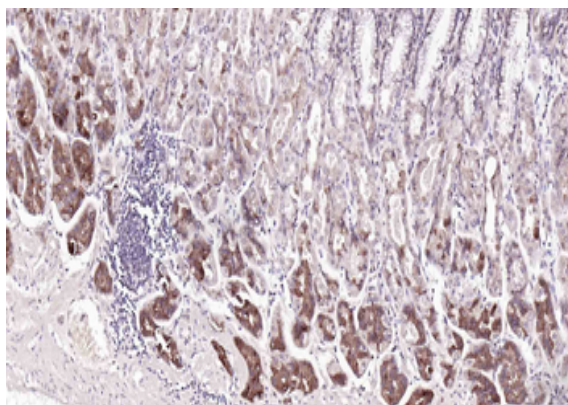
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Paraformaldehyde-fixed, paraffin embedded Human Endometrium Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Esophagus Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Fundus, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

Biorbyt Ltd.

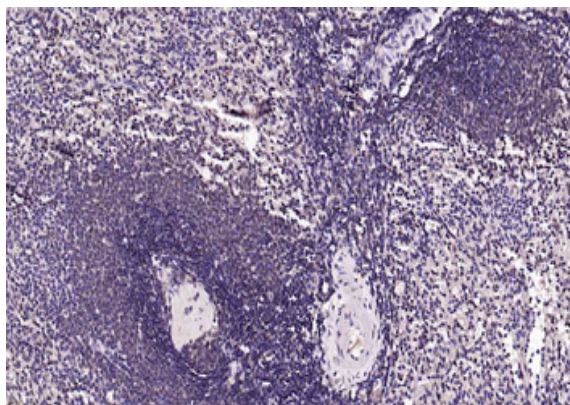
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

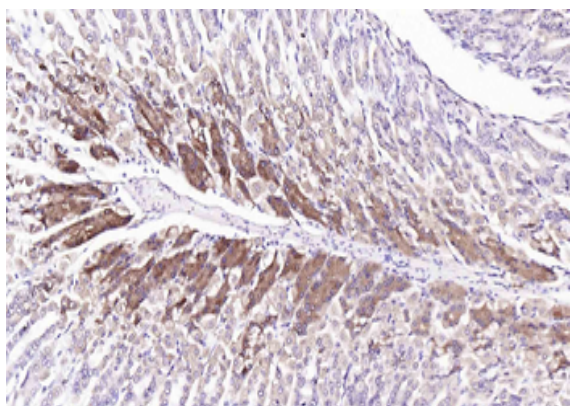
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

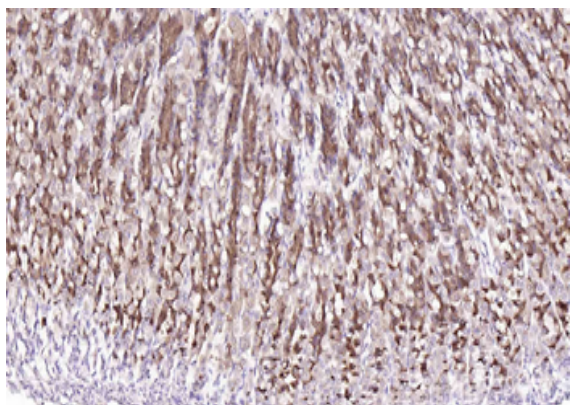
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Paraformaldehyde-fixed, paraffin embedded Human Spleen, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Stomach, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Stomach, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PI3-kinase p110 subunit beta Monoclonal Antibody, Unconjugated (orb559167) at 1:100 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

Biorbyt Ltd.

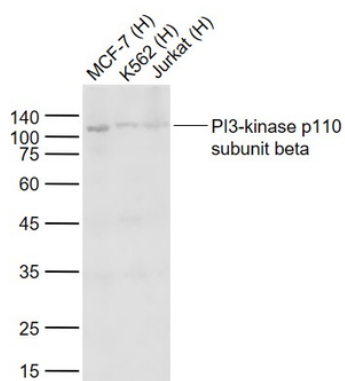
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Sample: Lane 1: Human MCF-7 cell lysates, Lane 2: Human K562 cell lysates, Lane 3: Human Jurkat cell lysates, Primary: Anti-PI3-kinase p110 subunit beta (orb559167) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 123 kD, Observed band size: 110 kD.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)