

Product Datasheet

CD3 epsilon Recombinant Rabbit Monoclonal Antibody (orb704405)

Catalog Number	orb704405
Category	Antibodies
Description	CD3 epsilon Recombinant Rabbit Monoclonal Antibody
Target	CD3E
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
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	Recombinant human CD3 epsilon
UniProt ID	P07766
MW	20 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

Biorbyt Ltd.

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

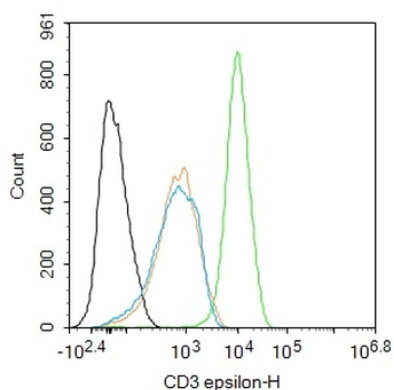
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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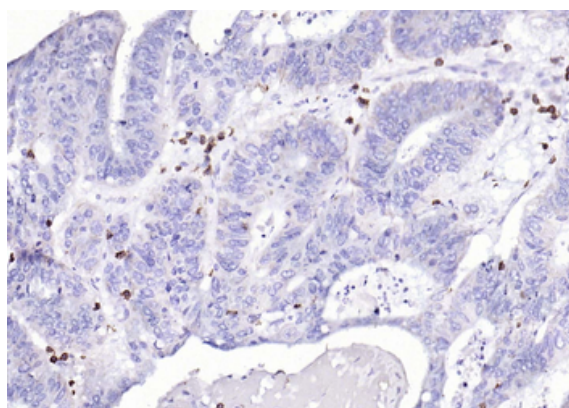
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

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)

Dilution range	WB=1:500-2000, IHC-P=1:50-200, IHC-F=1:50-200, IF=1:50-200
Antibody Type	Primary Antibody
Clone Number	7A4
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.



Blank control: Jurkat. Primary Antibody (green line): Rabbit Anti-CD3 epsilon antibody (orb704405), dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 0.5 ug/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD3 epsilon) Monoclonal Antibody, Unconjugated (orb704405) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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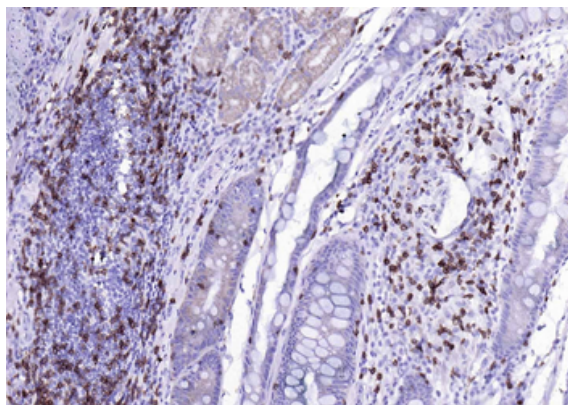
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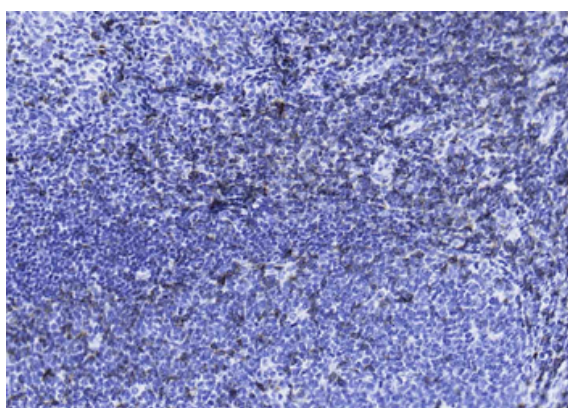
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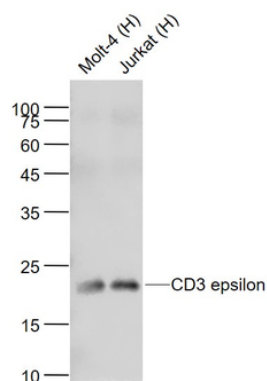
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Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Paraformaldehyde-fixed, paraffin embedded (Human gastric cancer), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD3 epsilon) Monoclonal Antibody, Unconjugated (orb704405) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human tonsil), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD3 epsilon) Monoclonal Antibody, Unconjugated (orb704405) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Molt-4 (Human) Cell Lysate at 30 ug, Lane 2: Jurkat (Human) Cell Lysate at 30 ug, Primary: Anti-CD3 epsilon (orb704405) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 23 kD, Observed band size: 23 kD.

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