

Product Datasheet

C-erbB-2/HER2 Mouse Monoclonal Antibody (orb499961)

Catalog Number	orb499961
Category	Antibodies
Description	C-erbB-2/HER2 Mouse Monoclonal Antibody
Target	ERBB2
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
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 G
Immunogen	Recombinant human HER2 protein full length
UniProt ID	P04626
MW	185 kDa

Biorbyt Ltd.

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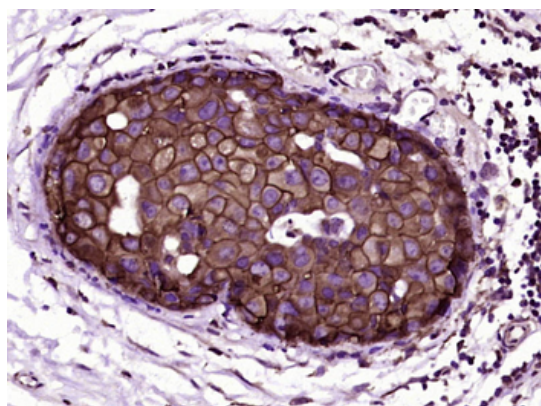
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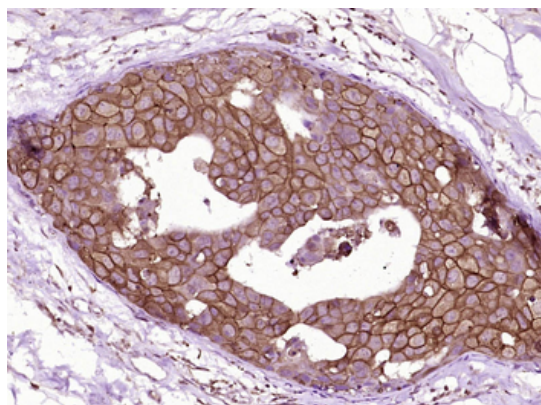
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000
Antibody Type	Primary Antibody
Clone Number	B35J1
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage 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.



Paraformaldehyde-fixed, paraffin embedded (Human breast 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 (C-erbB-2, HER2) Monoclonal Antibody, Unconjugated (ascites of orb499961 13H9) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human breast 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 (C-erbB-2/HER2) Monoclonal Antibody, conjugated (orb499961) at 1:800 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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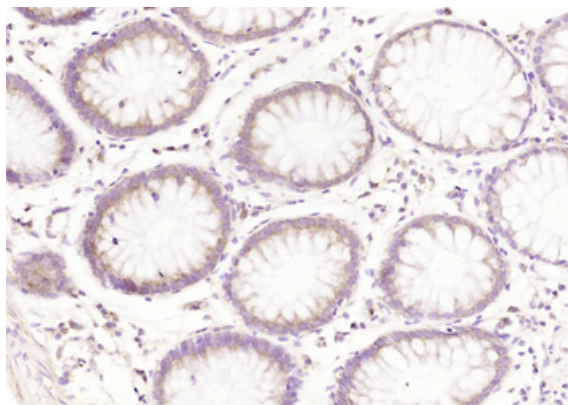
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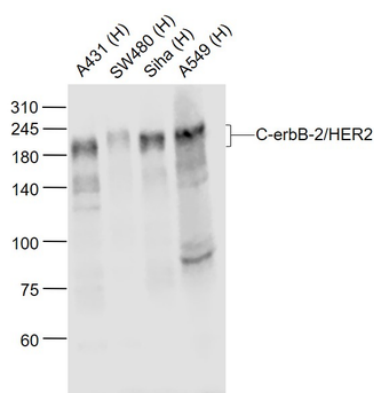
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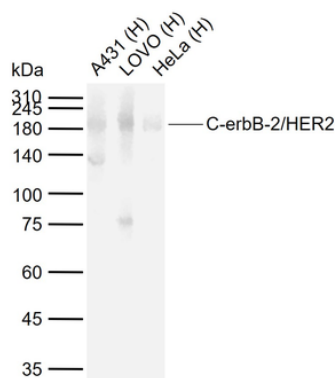
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Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (C-erbB-2/HER2) Monoclonal Antibody, Unconjugated (orb499961) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Sample: Lane 1: A431 (Human) Cell Lysate at 30 ug, Lane 2: SW480 (Human) Cell Lysate at 30 ug, Lane 3: SiHa (Human) Cell Lysate at 30 ug, Lane 4: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-C-erbB-2/HER2 (orb499961) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 185/100-110 kDa, Observed band size: 185 kDa.



Sample: Lane 1: Human A431 cell lysates, Lane 2: Human LOVO cell lysates, Lane 3: Human HeLa cell lysates, Primary: Anti-C-erbB-2/HER2 (orb499961) at 1/200 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 138 kDa, Observed band size: 180 kDa.

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