

Product Datasheet

HER2 Antibody / ErbB2 / Extracellular region (orb1825179)

Catalog Number	orb1825179
Description	Recognizes a protein of 185kDa, which is identified as c-erbB-2/HER-2/neu. Its epitope is localized in the extracellular domain. C-erbB-2/HER-2 is a member of the EGFR family. This mAb is specific and shows minimal cross-reaction with other members of the EGFR-family. Receptors of this family are located on the plasma membrane and consist of an extracellular ligand-binding domain that is connected to a large intracellular domain by a single transmembrane sequence. c-erbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC-P
Immunogen	Recombinant protein encoding the extracellular domain of the human protein was used as the immunogen for the recombinant ErbB2 antibody.
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
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Isotype	Mouse IgG2b, kappa
Clonality	Recombinant
Clone Number	rERBB2/6637

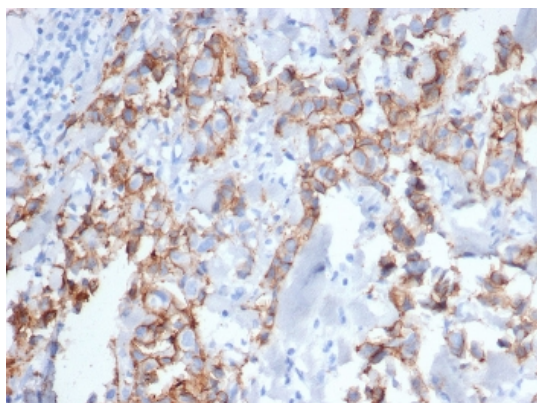
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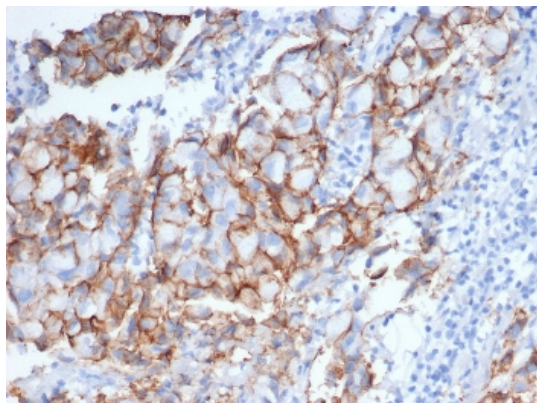
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Antibody Type	Primary Antibody
Uniprot ID	P04626
Hazard Information	This recombinant ErbB2 antibody is available for research use only.
Dilution Range	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human breast carcinoma tissue stained with recombinant ErbB2 antibody (clone rERBB2/6637) at 2 ug/ml. HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing.



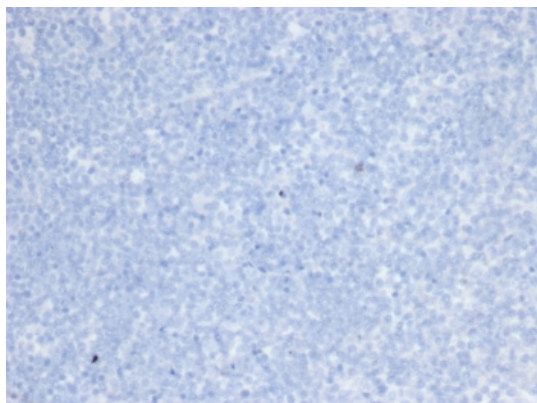
IHC staining of FFPE human breast carcinoma tissue stained with recombinant ErbB2 antibody (clone rERBB2/6637) at 2 ug/ml. HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing.

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Negative control: IHC testing of FFPE human brain tissue with recombinant ErbB2 antibody (clone rERBB2/6637) at 2 ug/ml. HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing.

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