

Product Datasheet

Recombinant HER-2 Antibody / ErbB2 (orb2636504)

Catalog Number	orb2636504
Category	Antibodies
Description	C-erbB-2/HER-2 is a member 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.
Clonality	Recombinant
Species/Host	Mouse
Isotype	Mouse IgG2b, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A/G affinity
Immunogen	A recombinant fragment (within amino acids 1155-1255) of human HER-2/ERBB2 protein was used as the immunogen for the recombinant HER-2 antibody.
UniProt ID	P04626
Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml

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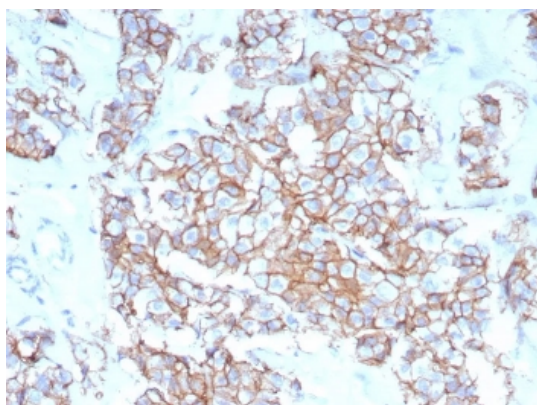
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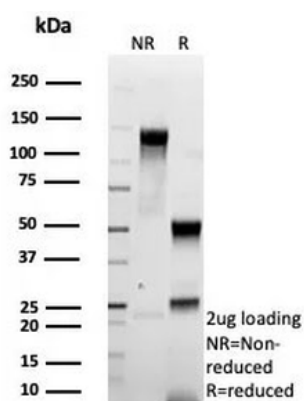
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Application notes	Optimal dilution of the recombinant HER-2 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	rERBB2/9401
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human breast carcinoma tissue with recombinant HER-2 antibody (clone rERBB2/9401). HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant HER-2 antibody (clone rERBB2/9401) as confirmation of integrity and purity.

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