

Product Datasheet

HER2 Antibody / ErbB2 (orb1825177)

Description	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	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FACS, IF, IHC-P
Immunogen	A recombinant partial protein sequence (within amino acids 1055-1255) from the human protein was used as the immunogen for the recombinant HER2 antibody.
Storage	Aliquot the recombinant HER2 antibody and store frozen at -20°C or colder. Avoid repeated 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	Rabbit IgG, kappa
Clonality	Recombinant
Clone Number	ERBB2/8142R
Antibody Type	Primary Antibody
Uniprot ID	P04626
Hazard Information	This recombinant HER2 antibody is available for research use only.

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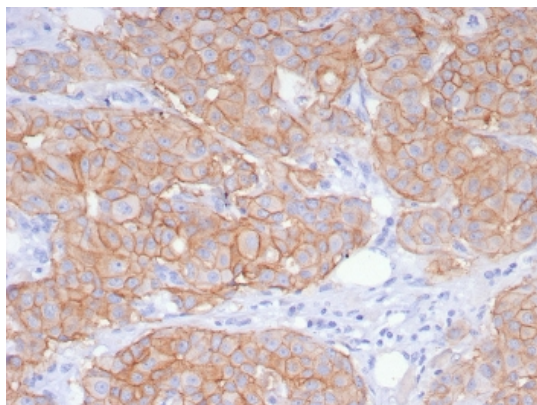
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Dilution Range

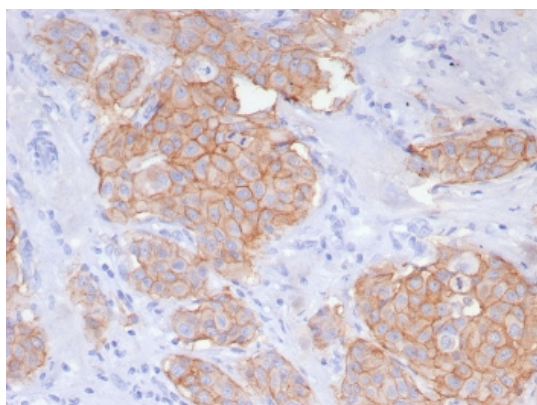
Flow cytometry: 1-2ug/million cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT

Expiration Date

12 months from date of receipt.



IHC staining of FFPE human breast carcinoma tissue with recombinant HER2 antibody (clone ERBB2/8142R). 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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