

## Product Datasheet

### HER2 Antibody / ErbB2 / Extracellular region (orb1825179)

<b>Description</b>	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.
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC-P
<b>Immunogen</b>	Recombinant protein encoding the extracellular domain of the human protein was used as the immunogen for the recombinant ErbB2 antibody.
<b>Storage</b>	Aliquot the recombinant ErbB2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Formula</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clonality</b>	Recombinant
<b>Clone Number</b>	rERBB2/6637
<b>Antibody Type</b>	Primary Antibody

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**Uniprot ID****P04626****Hazard Information**

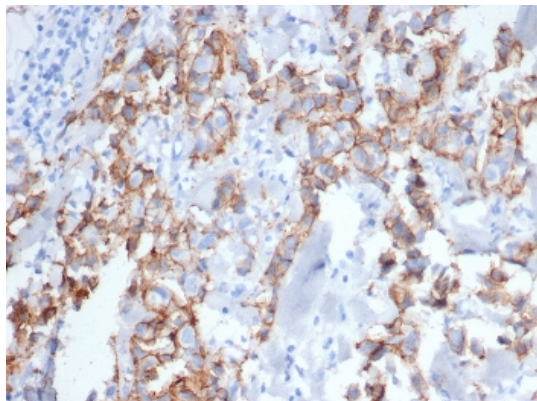
This recombinant ErbB2 antibody is available for research use only.

**Dilution Range**

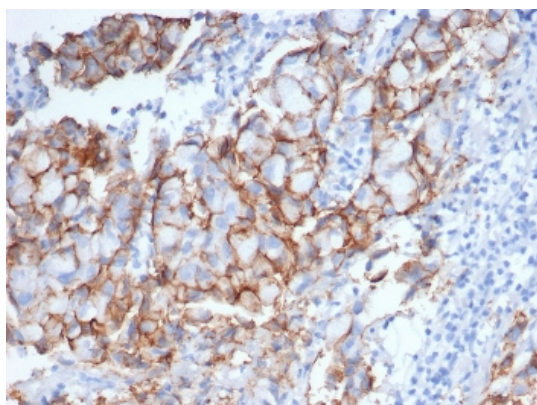
Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT

**Expiration Date**

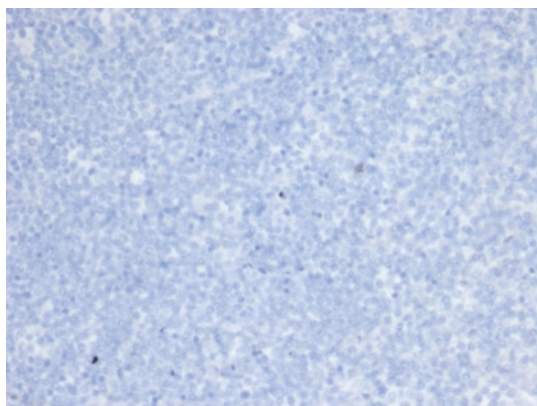
12 months from date of receipt.



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.



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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