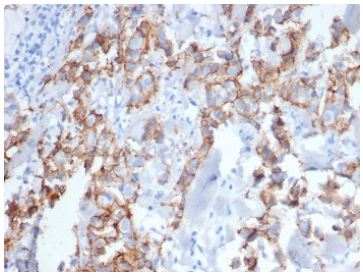
ErbB2 Antibody / HER2 / Extracellular region [clone ERBB2/6637] (V4468)

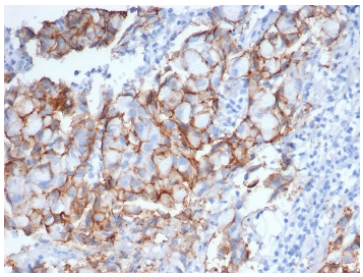
Catalog No.	Formulation	Size
V4468-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4468-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4468SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

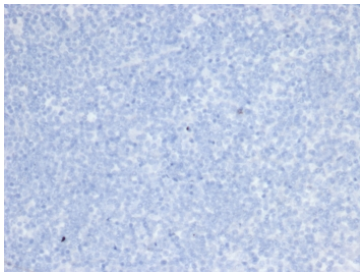
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	ERBB2/6637
Purity	Protein A/G affinity
UniProt	P04626
Localization	Cell Surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This ErbB2 antibody is available for research use only.



IHC staining of FFPE human breast carcinoma tissue stained with ErbB2 antibody (clone ERBB2/6637) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human breast carcinoma tissue stained with ErbB2 antibody (clone ERBB2/6637) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC testing of FFPE human brain tissue with ErbB2 antibody (clone ERBB2/6637) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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.

Application Notes

Optimal dilution of the ErbB2 antibody should be determined by the researcher.

Immunogen

Recombinant protein encoding the extracellular domain of the human protein was used as the immunogen for the ErbB2 antibody.

Storage

Aliquot the ErbB2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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