

Product Datasheet

ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) - Chimeric - Azide and BSA Free NBP2-52639-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-52639-0.2mg

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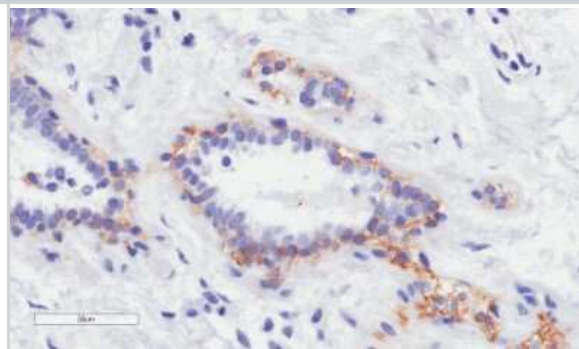
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	4D5-8 (trastuzumab)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) - Chimeric - Azide and BSA Free (NBP2-52639) is a recombinant monoclonal antibody validated for use in IHC, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2064
Gene Symbol	ERBB2
Species	Human
Specificity/Sensitivity	Oncogenic protein Her-2/neu (erbB-2), a member of the family of epidermal growth factor (EGF) receptors, overexpressed in 30% of invasive breast cancers and 70% of ductal carcinomata in situ, in a small percentage of melanomas, and in other malignancies originating from various organs, including ovary, kidney, colon, and bladder.
Immunogen	A431 cells (human epidermoid carcinoma) (over)expressing EGFR.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to ErbB2/Her2 has therapeutic indications particularly in the treatment of breast cancer (c.f. Herceptin). It can also be used to detect HER-2 by flow cytometry or IHC (Glazyrin 2007).

Images

Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) - Chimeric [NBP2-52639] - Immunohistochemical Anti-erbB-2 (Her-2/neu) staining of paraffin embedded human breast tissue using the rabbit-chimeric version of 4D5-8 (trastuzumab) (NBP2-52639). Primary antibody incubation with NBP2-52639 was carried out at 4 ug/ml for 30 minutes. Samples were then incubated with an anti-rabbit IgG HRP secondary antibody for 20 mins followed by DAB (3,3'-diaminobenzidine), and counter-staining with haematoxylin. Weak membrane staining exclusively of ductal epithelial cells may be observed. Recommended concentration, 4-6 ug/ml.





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Products Related to NBP2-52639-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-29624PEP	ErbB2/Her2 Antibody Blocking Peptide
236-EG-200	EGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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