c-erbB2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	c-erbB2, Monoclonal Antibody
Full Product Name	c-erbB2 (HER-2, neu Receptor) (BSA & Azide Free) (MaxLight 550)
Product Gene Name	anti-c-erbB2 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3F36
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein G Affinity Chromatography
Specificity	Recognizes human c-erbB2. Inhibits the binding of EGF and NDF to their direct receptors. Reduces affinity of EGF (3-fold) and NDF (2-fold) for their receptors. Inhibits tumorigenic growth. Demonstrates modest effect on c-erbB-2 internalization. Induces the tyrosine kinase activity of the c-erbB-2. Accelerates dissociation of EGF/NDF from their cellular binding sites. Inhibits mitogenic effect of EGF/NDF. Inhibits dimerization of c-erbB Receptors.
Preparation and Storage	Store at 4 degree C. Do Not Freeze.
Immunogen	Recombinant protein corresponding to the extracellular domain of human c-erbB-2/HER-2 oncoprotein. Cellular Localization: Cell membrane; MW of antigen: 185kD; Epitope: Involved in the formation of heterodimers.
Conjugate	MaxLight550
Product Categories/Family for anti-c-erbB2 antibody	Antibodies; Oncoproteins
Applications Tested/Suitable for anti-c-erbB2 antibody	Immunoprecipitation (IP)
Related Product Information for anti-c-erbB2 antibody	MBS6267622 is an antibody targeting c-erbB2. Also known as c-erbB2 (HER-2, neu Receptor) (BSA & Azide Free) (MaxLight 550). Reactive in Human. Host: Mouse.
Product References and Citations for anti-c-erbB2 antibody	1. Klapper, L.N., et al., Oncogene 14: 2099 (1997).
Other Notes	Small volumes of anti-c-erbB2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for c-erbB2. It may not necessarily be applicable to this product.

Protein Family	Erbin
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