HER-2 / c-erbB-2 / neu / CD340 Antibody

Mouse Monoclonal Antibody [Clone ERB2/776]

Catalog No	Format	Size
2064-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2064-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2064-MSM6-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

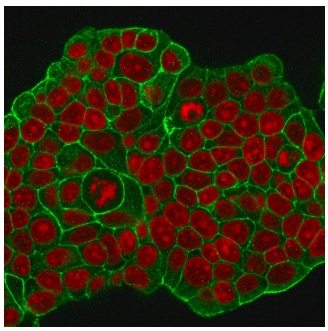
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

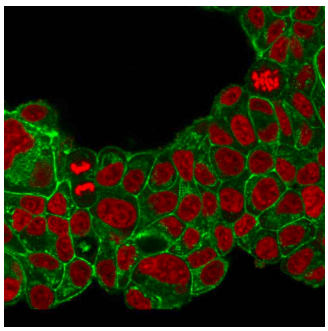
Clone	ERB2/776
Gene Name	ERBB2
Immunogen	Recombinant intracellular domain of human HER-2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	185kDa
Cellular Localization	Cell membrane, Cytoplasm, Early endosome, Nucleus, Perinuclear region
Species Reactivity	Human
Positive Control	MCF-7, SKBR-3 cells. Breast Cancers.

**Optimal dilution for a specific application should be determined.*

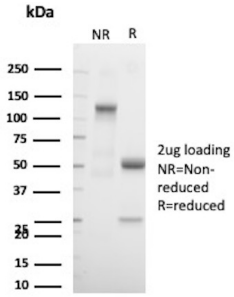
Product Images for HER-2 / c-erbB-2 / neu / CD340 Antibody



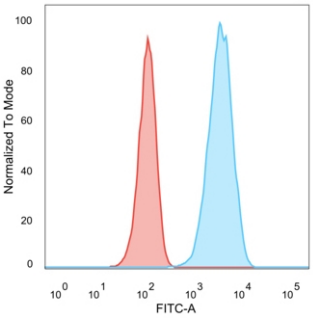
Immunofluorescent staining of MeOH-fixed MCF-7 cells with HER-2 Mouse Monoclonal Antibody (HRB2/776) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are stained with Reddot (Red).



Immunofluorescent staining of PFA-fixed MCF-7 cells with HER-2 Mouse Monoclonal Antibody (HRB2/776) followed by goat anti-mouse IgG-CF488 (Green). Nuclei are stained with Reddot (Red).



SDS-PAGE Analysis of Purified HER-2 Mouse Monoclonal Antibody (HRB2/776). Confirmation of Integrity and Purity of Antibody.



Flow Cytometric Analysis of human trypsinized MCF-7 cells using HER-2Mouse Monoclonal Antibody (HRB2/776) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).

Specificity & Comments

This MAb is specific to c-erbB-2/HER-2 and shows minimal cross-reaction with other members of the family. C-erbB-2/HER-2 is a member 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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Autophagy, Bladder Cancer, Breast Cancer, Cancer, Cardiovascular, Developmental Biology, Infectious Disease, Signal Transduction, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.