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

Mouse Monoclonal Antibody [Clone HRB2/273]

| Catalog No | Format | Size |
|---|---|---|
| 2064-MSM7-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 2064-MSM7-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 2064-MSM7-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

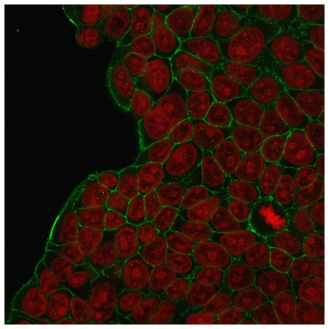
| Applications | Tested Dillution | Note |
|---|---|---|
| Flow Cytometry (Flow) | 1-2ug/million cells | |
| Immunofluorescence (IF) | 1-3ug/ml | |

## Product Details

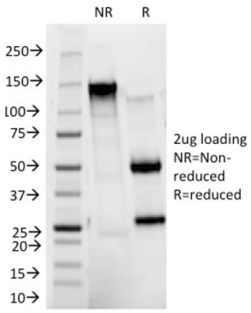
| | |
|---|---|
| **Clone** | HRB2/273 |
| **Gene Name** | ERBB2 |
| **Immunogen** | Recombinant extracellular domain of human HER-2 protein |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG1 / Kappa |
| **Mol. Weight of Antigen** | 185kDa |
| **Cellular Localization** | 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 MCF-7 cells with HER-2 Mouse Monoclonal Antibody (HRB2/273) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are stained with Reddot (Red).




SDS-PAGE Analysis of Purified HER-2 Mouse Monoclonal Antibody (HRB2/273). Confirmation of Integrity and Purity of Antibody.

## 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.