

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

Rabbit Monoclonal Antibody [Clone MSVA-340R]

Catalog No	Format	Size
2064-RBM59-P0	Purified Ab with BSA and Azide	20 ug
2064-RBM59-P1	Purified Ab with BSA and Azide	100 ug

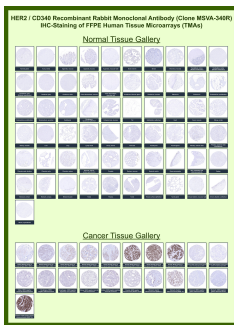
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1:50-1:200	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:50 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

### Product Details

<b>Clone</b>	MSVA-340R
<b>Immunogen</b>	Recombinant protein encoding the extracellular domain of human c-erbB2
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	185kDa
<b>Cellular Localization</b>	Cell membrane, Cytoplasm, Early endosome, Nucleus, Perinuclear region
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Colon: Breast cancers with HER2 amplification should show strong positivity. Placenta: A faint staining should be seen at the surface membrane of the syncytiotrophoblast.

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

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



Receptor tyrosine-protein kinase erbB-2 Rabbit Recombinant Monoclonal Antibody (MSVA-340R) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

### Specificity & Comments

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.

### Supplied As

Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide.

### 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, Bladder Cancer, Breast 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.

---