

For Research Use Only

Anti-Mouse HER2/ErbB2 Rabbit Recombinant Antibody

Catalog Number: 98153-1-RR



Basic Information

Catalog Number: 98153-1-RR	GenBank Accession Number: NM_001003817.1	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	GeneID (NCBI): 13866	CloneNo.: 241366E6
Source: Rabbit	UNIPROT ID: P70424	
Isotype: IgG	Full Name: v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)	
	Calculated MW: 139 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

HER2, also known as ErbB2, Neu, and CD340, is a 185-kDa transmembrane glycoprotein member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. It has no ligand-binding domain and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signaling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase.

Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:

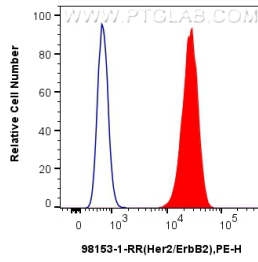
T: 4006900926

E: Proteintech-CN@ptglab.com

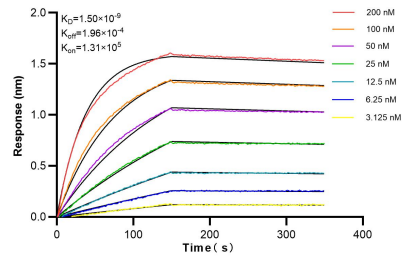
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Selected Validation Data



1×10^6 NIH/3T3 cells were surface stained with 0.25 μg Anti-Mouse HER2/ErbB2 Rabbit Recombinant Antibody (98153-1-RR, Clone: 241366E6) (red) or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98153-1-RR against Mouse HER2/ErbB2 were performed. The affinity constant is 1.50 nM.