

Rabbit anti-human HER2 Monoclonal Antibody
Clone 1B11 **Catalog Number: R16004M1B11**

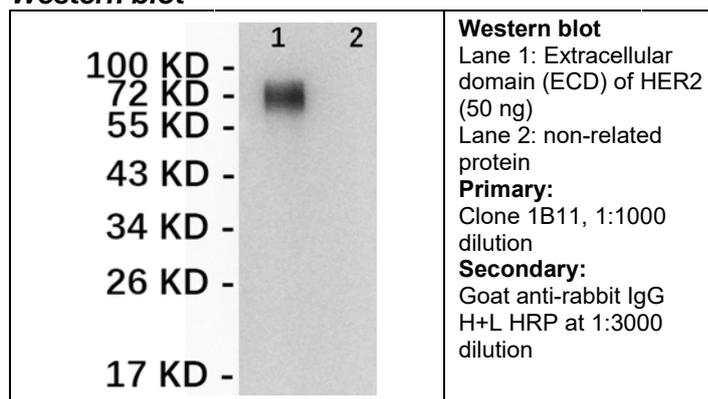
General Information	
Immunogen	recombinant human HER2 extracellular domain
IgG type	IgG
Clonality	Monoclonal
Specificity	Human HER2
Applications & dilution	WB 1:500 - 1:1000 ELISA 1:1000
Formulation	PBS with 0.09% sodium azide, 50% glycerol, pH7.4.
Purity	≥95% purity by SDS-PAGE
Storage	Store at -20°C. Avoid freeze / thaw cycles.
Abbreviation: ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; nosorbent assay; FC: flow cytometry	

Preparation

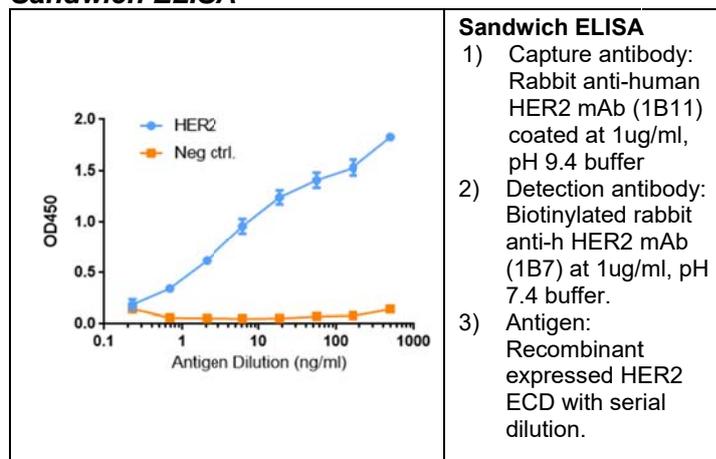
Monoclonal antibody is produced by immunizing rabbit with recombinant human HER2 extracellular domain and purified using protein A resin.

Applications

Western blot



Sandwich ELISA



Background

HER2 is a member of the human epidermal growth factor receptor (HER/EGFR/ERBB) tyrosine kinase family. Heterodimer of HER2 with other HER family members stimulate cell proliferation and suppress cell apoptosis via a range of downstream signaling pathways. Amplification or over-expression of HER2 has been demonstrated to play a critical role in the development and progression of many aggressive types of tumors. Recently, the protein has become a key biomarker and leading therapeutic target of breast cancer, lung cancer, and etc.

Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

Hazard/Biohazard

This antibody contains 0.09% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

For research use only