HER2/ErbB2 Recombinant Antibody | ERBB2 recombinant antibody

Phospho-HER2/ErbB2 (Tyr1221,1222) Antibody, Rabbit MAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259501	**Rabbit**	**Human**	**Western Blot**

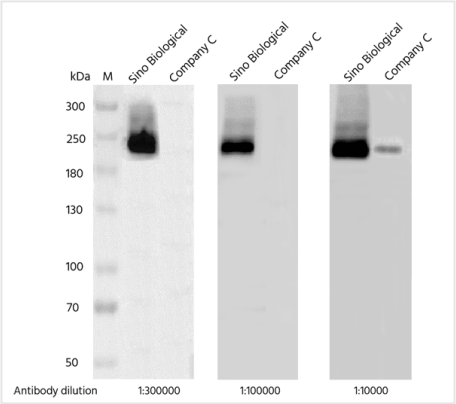
PRODUCT SYNONYMS

HER2/ErbB2; Monoclonal Recombinant Antibody; Phospho-HER2/ErbB2 (Tyr1221; 1222) Antibody; Rabbit MAb; erb-b2 receptor tyrosine kinase 2; Anti-c-ERB-2 Antibody; Anti-c-ERB2 Antibody; Anti-CD340 Antibody; Anti-HER-2 Antibody; Anti-HER-2/neu Antibody; Anti-HER2 Antibody; Anti-MLN 19 Antibody; Anti-MLN-19 Antibody; Anti-MLN19 Antibody; Anti-NEU Antibody; Anti-NGL Antibody; Anti-p185(erbB2) Antibody; Anti-TKR1 Antibody; Anti-VSCN2 Antibody; ERBB2 recombinant antibody

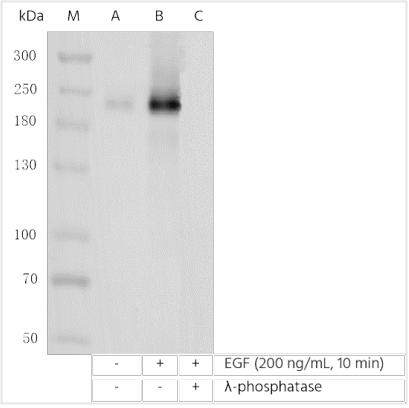
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	0023
Specificity	Human Phospho-HER2/ErbB2 (Tyr1221,1222)
Purity/Purification	Protein A
Form/Format	Liquid; 10 mM sodium HEPES, 150 mM NaCl, 100ug/mL BSA, 50% glycerol, pH 7.5
Applicable Applications for ERBB2 recombinant antibody	WB (Western Blot)
Immunogen	A synthetic phosphopeptide corresponding to residues around (Tyr1221,1222) of human HER2/ErbB2.
Preparation	This antibody was obtained from a rabbit immunized with a synthetic phosphopeptide corresponding to residues around (Tyr1221, 1222) of human HER2/ErbB2.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

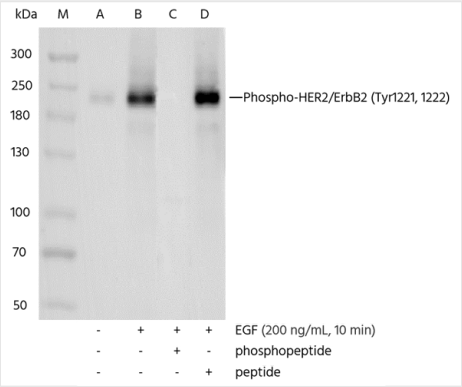
IMAGES



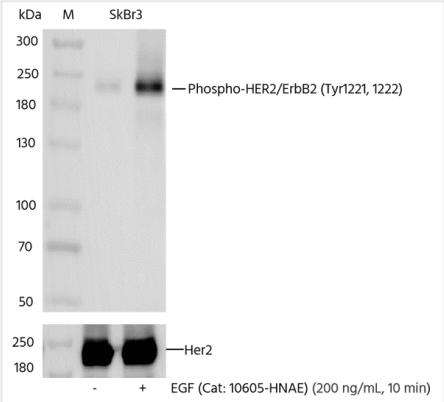
WB (Western Blot)
Western blot analysis of extracts from serum-starved SkBr3, treated with EGF (200ng/mL, 10 min), using Phospho-HER2/ErbB2 (Tyr1221, 1222) Antibody, Rabbit Mab (#AAA259501)(Sino Biological) and other brands' antibodies (Company C) at dilution of 1:300000, 1:100000 and 1:10000.(Validation Experiment



WB (Western Blot)
Western blot analysis of extracts from serum-starved SkBr3, untreated (line A); treated with EGF (200ng/mL, 10 min)(line B); treated with EGF and lambda-phosphatase (line C) using Phospho-HER2/ErbB2 (Tyr1221, 1222) rabbit monoclonal Antibody (#AAA259501) at 1:200000 dilution.(Validation Experiment



WB (Western Blot)
Western blot analysis of extracts from serum-starved SkBr3, untreated (line A); treated with EGF (200ng/mL, 10 min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-HER2/ErbB2 (Tyr1221, 1222) rabbit monoclonal Antibody (#AAA259501) at 1:200000 dilution.(Validation Experiment



WB (Western Blot)
Western blot analysis of extracts from serum-starved SkBr3, untreated (-) or treated with EGF (200ng/mL, 10 min; +), using Phospho-HER2/ErbB2 (Tyr1221, 1222) rabbit Monoclonal Antibody (#AAA259501) at 1:200000 dilution (upper) or Anti-Her2/ERBB2 Antibody, Mouse Monoclonal at 1:500 dilution (lower).

ADDITIONAL INFORMATION

Related Product Information for ERBB2 recombinant antibody	Human epidermal growth factor receptor 2 (HER2), also known as ErbB2, NEU, and CD340, is a type I membrane glycoprotein and belongs to the epidermal growth factor (EGF) receptor family. HER2 protein cannot bind growth factors due to the lacking of ligand binding domain of its own and autoinhibited constitutively. However, HER2 forms a heterodimer with other ligand-bound EGF receptor family members, therefore stabilizes ligand binding and enhances kinase-mediated activation of downstream molecules. HER2 plays a key role in development, cell proliferation and differentiation. HER2 gene has been reported to associate with malignancy and a poor prognosis in numerous carcinomas, including breast, prostate, ovarian, lung cancers and so on.
Product Categories/Family for ERBB2 recombinant antibody	Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	Krawczy. N. e. al. (2009. HER. statu. o. persisten. disseminate. tumo. cell. afte. adjuvan. therap. ma. diffe. fro. initia. HER. statu. o. primar. tumor. Anticance. Res. 29(10). 4019-24.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/her2-erbb2-recombinant-antibody-clone-0023-western-blot-elisa/259501