

anti-Human Trastuzumab Monoclonal Antibody | anti-ERBB2 antibody

Research Grade Trastuzumab

CATALOG #
AAA120000

REACTIVITY
Human

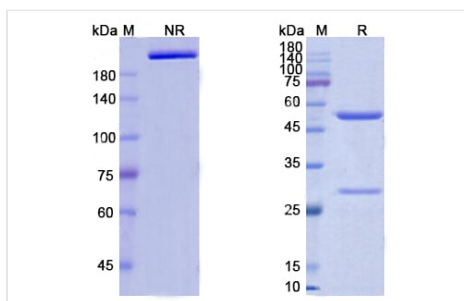
PRODUCT SYNONYMS

Trastuzumab; Monoclonal Antibody; Research Grade Trastuzumab; timigutuzumab; 4D5-8; 4D5V8; Herceptin; rhuMab HER2; p185erbB2; HER2; NGL; Tyrosine kinase-type cell surface receptor HER2; NEU; MLN 19; Proto-oncogene Neu; MLN19; ERBB2; Proto-oncogene c-ErbB-2; CD340; Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19 protein; anti-ERBB2 antibody

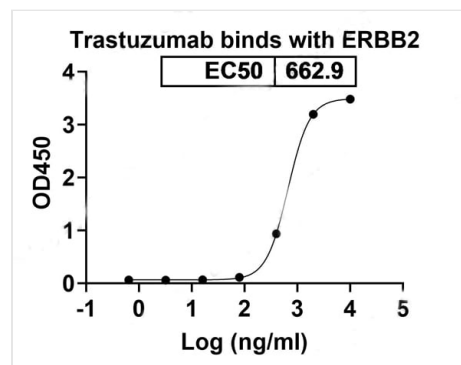
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Humanized
CAS	180288-69-1
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Trastuzumab



Bioactivity
Detects Human CD340/ERBB2/HER2 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERBB2 antibody

Research Biosimilar

References	Trastuzumab Deruxtecan: First Approval, PMID: 32144719 11 years' follow-up of trastuzumab after adjuvant chemotherapy in HER2-positive early breast cancer: final analysis of the HERceptin Adjuvant (HERA) trial, PMID: 28215665 Novel HER2-Targeting Antibody-Drug Conjugates of Trastuzumab Beyond T-DM1 in Breast Cancer: Trastuzumab Deruxtecan(DS-8201a) and (Vic-)Trastuzumab Duocarmazine (SYD985), PMID: 31563805 Anthracyclines/trastuzumab: new aspects of cardiotoxicity and molecular mechanisms, PMID: 25895646 Trastuzumab-deruxtecan: an investigational agent for the treatment of HER2-positive breast cancer, PMID: 32701032
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792098
NCBI GeneID	2064
NCBI Accession #	NP_001005862.1
NCBI GenBank Nucleotide #	NM_001005862.1
UniProt Accession #	P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3
Molecular Weight	137,910 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2 isoform b
NCBI Official Synonym Full Names	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
NCBI Official Symbol	ERBB2
NCBI Official Synonym Symbols	NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu
NCBI Protein Information	receptor tyrosine-protein kinase erbB-2; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2; metastatic lymph node gene 19 protein; tyrosine kinase-type cell surface receptor HER2; neuroblastoma/glioblastoma derived on
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-2
UniProt Gene Name	ERBB2
UniProt Synonym Gene Names	HER2; MLN19; NEU; NGL; MLN 19
UniProt Entry Name	ERBB2_HUMAN

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.