

Anti-ERBB3 antibody (20-285) (STJ11103843)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

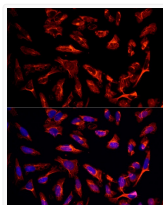
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 148kDa Observed Mw: 185kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

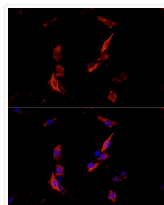
Gene ID	2065
Gene Symbol	ERBB3
UniProt ID	ERBB3_HUMAN
Immunogen Region	20-285
Immunogen Sequence	SEVGNMQAVCPGTLNGLSVT GDAENQYQTLKLYERCEVV MGNLEIVLTGHNADLSFLQW IREVTGYVLVAMNEFSTLPL PNLRVVRGTQVYDGGKFAIFV MLNYNTNSSHALRQLRLTQL TEILSGGVYIEKNDKLCHMD TIDWRDIVRDRDAEIVVKDN GRSCPPCHEVCKGRCWGPQS EDCQTLTKTICAPQCNGHCF GPNPNQCCCHDECAGGCSGPQ DTDCFACRHFNDSGACVPR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 20-285 of human ErbB3/HER3 (NP_001973.2).

ADDITIONAL INFORMATION

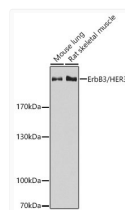
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of U2OS cells using ErbB3/HER3 Rabbit polyclonal antibody (STJ11103843) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using ErbB3/HER3 Rabbit polyclonal antibody (STJ11103843) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using ErbB3/HER3 Rabbit polyclonal antibody (STJ11103843) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.