

Anti-ERBB2 antibody [11H9] (STJ96947)

STJ96947

GENERAL INFORMATION

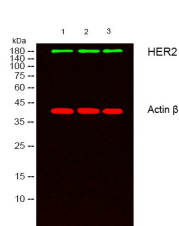
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Receptor tyrosine-protein kinase erbB-2 is suitable for use in Western Blot, Immunofluorescence and Immunohistochemistry research applications.
Applications	WB/IF/IHC
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

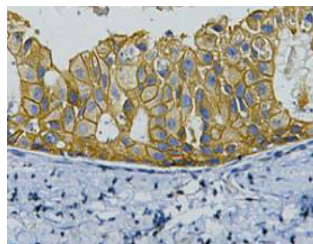
Clonality	Monoclonal
Clone ID	11H9
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:2000-4000 IHC 1:200 IF 1:200
Formulation	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

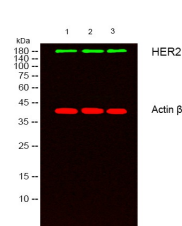
Gene ID	2064
Gene Symbol	ERBB2
Uniprot ID	ERBB2_HUMAN
Immunogen	Synthetic Peptide of HER2
Immunogen Region	
Specificity	The antibody detects endogenous ErbB-2/HER-2 proteins.
Immunogen Sequence	



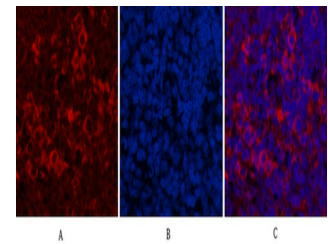
Western blot analysis of lysates from 1) HeLa, 2) A431, 3) MCF-7 cells. ¹²⁵I/anti-HER2 primary antibody was diluted at 1:1000, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour. ¹²⁵I/anti-Actin Beta Polyclonal Antibody (cat: STJ91464) antibody was diluted at 1:5000 as loading control, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour.



IHC staining of human breast cancer tissue, diluted at 1:200.



Western blot analysis of lysates from 1) HeLa, 2) A431, 3) MCF-7 cells. (Green) primary antibody was diluted at 1:1000, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour. (Red) Actin Beta Polyclonal Antibody (cat: STJ91464) antibody was diluted at 1:5000 as loading control, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour.



Immunofluorescence analysis of Rat-spleen tissue. 1. HER2 monoclonal antibody (11H9) (red) was diluted at 1:200 (4A°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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