

Anti-ERBB2 antibody [11H9] (STJ96947)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/IHC
Host / Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

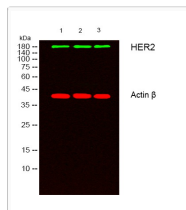
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:2000-4000 IHC 1:200 IF 1:200
Formulation	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
Isotype	IgG1
Molecular Weight	Observed: 180kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

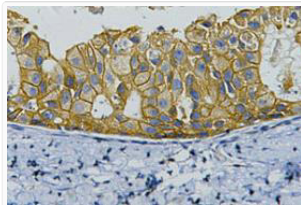
Gene ID	2064
Gene Symbol	ERBB2
UniProt ID	ERBB2_HUMAN
Specificity	The antibody detects endogenous ErbB-2/HER-2 proteins.

ADDITIONAL INFORMATION

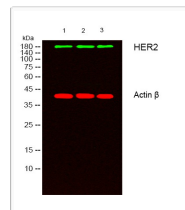
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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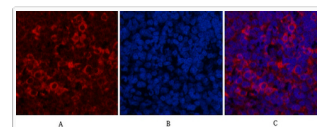
Western blot analysis of lysates from 1) Hela, 2) A431, 3) MCF-7 cells, (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody (cat: (NA) was diluted at 1:10000, 37°C 1hour. (Red) Actin Beta Polyclonal Antibody (cat: (STJ91464) antibody was diluted at 1:5000 as loading control, 4°C over night, secondary antibody (cat: (NA) was diluted at 1:10000, 37°C 1hour.



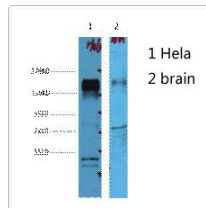
IHC staining of human breast cancer tissue, (Green) primary antibody was diluted at 1:200.



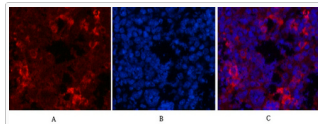
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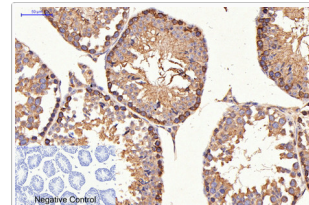
Immunofluorescence analysis of Rat-spleen tissue. 1, HER2 monoclonal antibody (11H9) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



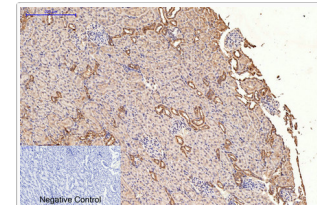
Western blot analysis of 1) Hela, 2) Mouse Brain, diluted at 1:4000.



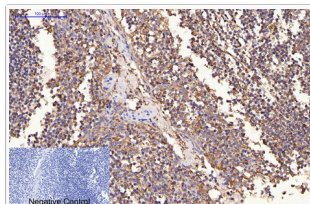
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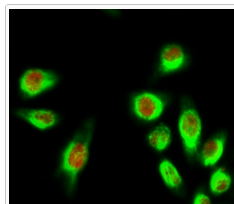
Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1, HER2 monoclonal antibody (11H9) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, HER2 monoclonal antibody (11H9) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1, HER2 monoclonal antibody (11H9) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Hela cell. 1, E2F-1 Polyclonal Antibody (red) was diluted at 1:200 (4°C overnight). HER2 monoclonal antibody (11H9) (green) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: (NA was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: (NA was diluted at 1:1000 (room temperature, 50min).