

Anti-EGFR antibody [3F12-1H7-A10] (STJ99228)

STJ99228

GENERAL INFORMATION

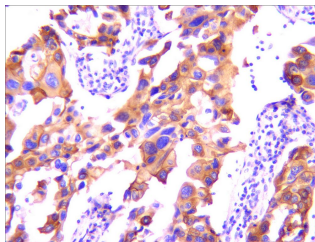
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Epidermal growth factor receptor is suitable for use in Western Blot, Immunofluorescence, Immunohistochemistry and Immunoprecipitation research applications.
Applications	WB/IF/IHC/IP
Host/Source	Mouse
Reactivity	Human/Monkey

PRODUCT PROPERTIES

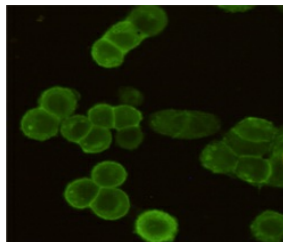
Clonality	Monoclonal
Clone ID	3F12-1H7-A10
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:1000 ICC 1:200 IHC 1:800 IF 1:50-200
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
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

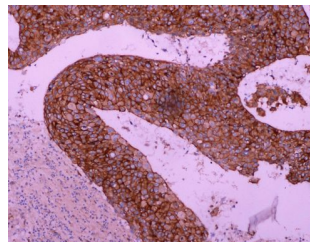
Gene ID	1956
Gene Symbol	EGFR
Uniprot ID	EGFR_HUMAN
Immunogen	Purified recombinant human EGFR protein fragments expressed in E.coli.
Immunogen Region	
Specificity	The antibody detects endogenous level of total EGFR and does not cross-react with related proteins.
Immunogen Sequence	



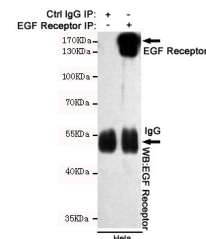
Immunohistochemical analysis of paraffin-embedded Colorectal cancer using EGF Receptor (3F12) mouse mAb (1/800 dilution). Antigen retrieval was performed by pressure cooking in citrate buffer (pH 6.0).



Immunocytochemistry staining of MDA-MB-468 cells fixed with 4% Paraformaldehyde and using EGF Receptor mouse mAb (dilution 1:200).



Immunohistochemical analysis of paraffin-embedded Lung carcinoma using EGF Receptor (3F12) mouse mAb (1/800 dilution) at the Roche Benchmark XT system.



Immunoprecipitation analysis of HeLa cell lysates using EGF Receptor mouse mAb.

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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