

## Anti-EGFR antibody [5E10-G10-E11] (STJ99229)

STJ99229

### GENERAL INFORMATION

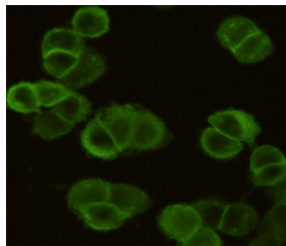
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Epidermal Growth Factor Receptor is suitable for use in Western Blot, Immunocytochemistry and Immunoprecipitation research applications.
<b>Applications</b>	WB, ICC, IP
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Monkey

### PRODUCT PROPERTIES

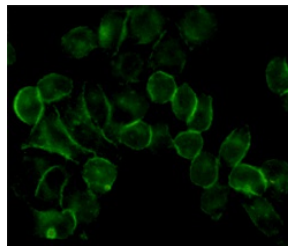
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	5E10-G10-E11
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:1000 ICC 1:200
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

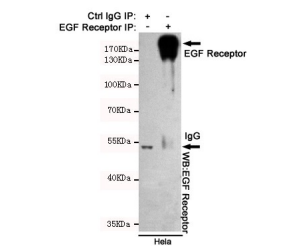
<b>Gene ID</b>	1956
<b>Gene Symbol</b>	EGFR
<b>Uniprot ID</b>	EGFR_HUMAN
<b>Immunogen</b>	Purified recombinant human EGFR protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	EGFR monoclonal antibody (Epidermal Growth Factor Receptor) binds to endogenous Epidermal Growth Factor Receptor.
<b>Immunogen Sequence</b>	



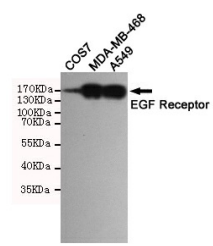
Immunocytochemistry staining of MDA-MB-468 cells fixed with 4% Paraformaldehyde and using EGFR mouse mAb (dilution 1:200).



Immunocytochemistry staining of HeLa cells using EGFR mouse mAb (dilution 1:200).



Immunoprecipitation analysis of HeLa cell lysates using EGFR mouse mAb.



Western blot detection of EGFR in A549, MDA-MB-468 and COS7 cell lysates using EGFR mouse mAb (dilution 1:1000). Predicted band size: 175 Kda. Observed band size: 175Kda.