

Anti-EGFR antibody (1021-1210) (STJ113093)

STJ113093

GENERAL INFORMATION

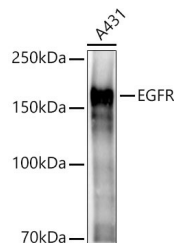
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

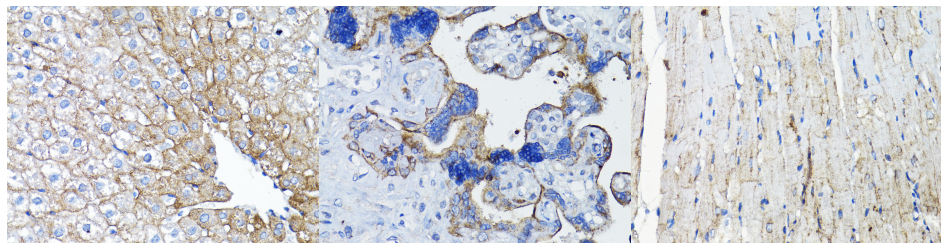
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:5000
Range	IHC-P:1:50-1:200 IF/ICC:1:100-1:500 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your spec
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

Gene ID	1956
Gene Symbol	EGFR
Uniprot ID	EGFR_HUMAN
Immunogen	
Immunogen Region	1021-1210
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1021-1210 of human EGFR (NP_005219.2).
Immunogen Sequence	QGFFSSPSTSRTPLLSSLSA TSNNSTVACIDRNLQSCPI KEDSFLQRYSSDPTGALTED SIDDTFLPVPEYINQSVPKR PAGSVQNPVYHNQPLNPAPS RDPHYQDPHSTAVGNPEYLN TVQPTCVNSTFDSPAHWAK GSHQISLDNPDYQQDFFPKE AKPNGIFKGSTAENAEYLRV APQSSEFIGA



Western blot analysis of A431, using EGFR rabbit polyclonal antibody (STJ113093) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic kit. Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded Rat liver using EGFR antibody (STJ113093) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

Immunohistochemistry analysis of paraffin-embedded Human placenta using EGFR antibody (STJ113093) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

Immunohistochemistry analysis of paraffin-embedded mouse heart using EGFR antibody (STJ113093) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

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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