



EGF Receptor mouse mAb

Catalog No	YP-Ab-12950
Isotype	IgG
Reactivity	Human
Applications	WB;IP
Gene Name	egfr
Protein Name	
Immunogen	Purified recombinant human EGFR protein fragments expressed in E.coli.
Specificity	The antibody detects endogenous level of total EGFR and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Avian erythroblastic leukemia viral (v erb b) oncogene homolog;Cell growth inhibiting protein 40;Cell proliferation inducing protein 61;EGF R;EGFR;EGFR_HUMAN;Epidermal growth factor receptor (avian erythroblastic leukemia viral (v erb b) oncogene homolog);Epidermal growth factor receptor (erythroblastic leukemia viral (v erb b) oncogene homolog avian);Epidermal growth factor receptor;erbb 1;ErbB;ErbB1;ERBB1;Errp;HER1;mENA;Oncogene ERBB;PIG61;Proto-oncogene c-ErbB-1;Receptor tyrosine protein kinase ErbB 1;Receptor tyrosine-protein kinase ErbB-1;Urogastrone;wa2;Wa5.
Observed Band	175
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Endoplasmic reticulum membrane ; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Nucleus membrane; Single-pass type I membrane protein. Endosome . Endosome membrane. Nucleus . In response to EGF, translocated from the cell membrane to the nucleus via Golgi and ER (PubMed:20674546, PubMed:17909029). Endocytosed upon activation by ligand (PubMed:2790960, PubMed:17182860, PubMed:27153536, PubMed:17909029). Colocalized with GPER1 in the nucleus of estrogen agonist-induced cancer-associated fibroblasts (CAF) (PubMed:20551055). .; [Isoform 2]: Secreted.



Tissue Specificity

Ubiquitously expressed. Isoform 2 is also expressed in ovarian cancers.

Function

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images