

EGFR(Ab-1197) Antibody

Catalog No: #21221

Package Size: #21221-1 50ul #21221-2 100ul

Description

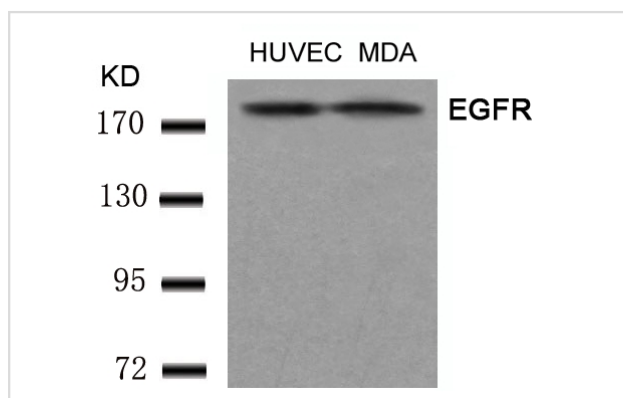
Product Name	EGFR(Ab-1197) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total EGFR protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.1195~1199 (A-E-Y-L-R) derived from Human EGFR.
Conjugates	Unconjugated
Target Name	EGFR
Other Names	Receptor tyrosine-protein kinase ErbB-1; ERBB1;
Accession No.	Swiss-Prot: P00533NCBI Protein: NP_005219.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 175kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HUVEC and MDA cells using EGFR(Ab-1197) Antibody #21221.

Background

Receptor for EGF, but also for other members of the EGF family, as TGF- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation

Corbalan-Garcia S, et al. (1996) Mol Cell Biol; 16(10): 5674-5682

Kanner SB, et al. (1991) Mol Cell Biol; 11(2): 713-720

Wu TT, et al. (1998) Mol Biol Cell; 9(7): 1661-1674

O

Published Papers

el at., A thiazole-derived oridonin analogue exhibits antitumor activity by directly and allosterically inhibiting STAT3. In J Biol Chem on 2019 Nov 15; by Shen X, Zhao L, et al.. PMID:31594861, , (2019)

[PMID:31594861](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.