

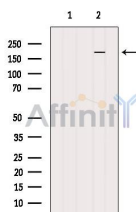
EGFR Ab

Cat.#: AF6046
Size: 100ul, 200ul

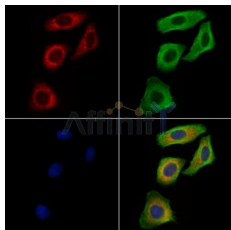
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 175kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	EGFR Ab detects endogenous levels of total EGFR.
Immunogen:	A synthesized peptide derived from human EGFR.
Uniprot:	P00533
Description:	EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including 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.
Subcellular Location:	Endosome; Endoplasmic reticulum; Nucleus; Plasma membrane; Golgi apparatus; Extracellular region or secreted;
Tissue Specificity:	Ubiquitously expressed. Isoform 2 is also expressed in ovarian cancers.
Similarity:	Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 293, using EGFR Ab. The lane on the left was treated with blocking peptide.



AF6046 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF6046 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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