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10-6592: Mouse Monoclonal Antibody to EGFR (C-term)(Clone: 688CT33.1.3)(Discontinued)

Clonality :	Monoclonal
Clone Name :	688CT33.1.3
Application :	WB,IHC-P
Reactivity :	Human
Gene :	EGFR
Gene ID :	1956
Uniprot ID :	P00533
Format :	Purified
Alternative Name :	Epidermal growth factor receptor, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1, EGFR, ERBB, ERBB1, HER1
Isotype :	Mouse IgG1
Immunogen Information :	Synthetic Peptide

Description

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:1000|| IHC-P~1:25

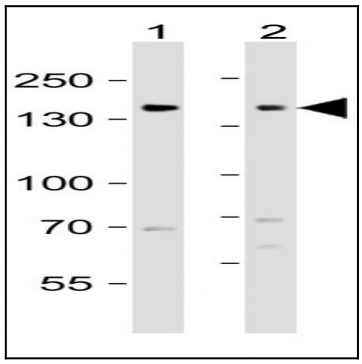

Figure 1: All lanes : Anti-EGFR Antibody (10-6592) at 1:1000 dilution with Lane 1: A431 whole cell lysate, Lane 2: Hela whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 134 kDa.

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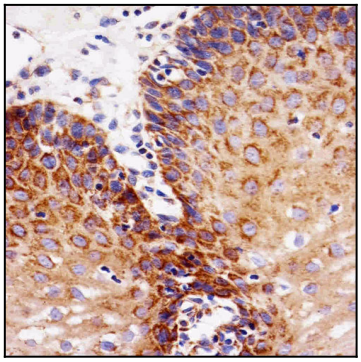

Figure 2: Immunohistochemical analysis of paraffin-embedded h esophagus section using EGFR Antibody (10-6592). EGFR Antibody was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

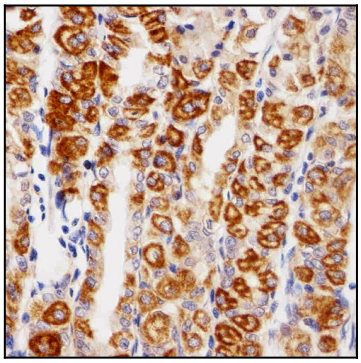

Figure 3: Immunohistochemical analysis of paraffin-embedded h stomach section using EGFR Antibody (10-6592). EGFR Antibody was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

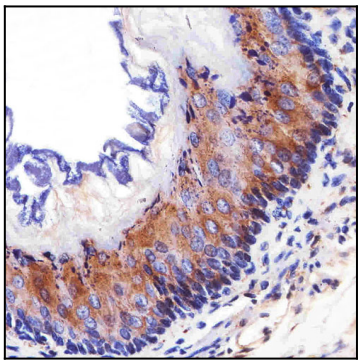

Figure 4: Immunohistochemical analysis of paraffin-embedded m esophagus section using EGFR Antibody(10-6592). EGFR Antibody was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

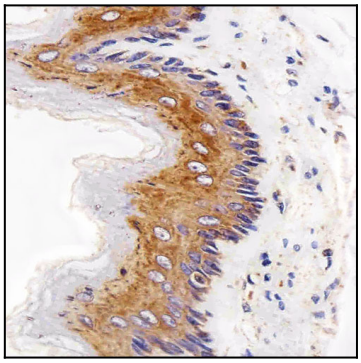

Figure 5: Immunohistochemical analysis of paraffin-embedded R. esophagus section using EGFR Antibody (10-6592). EGFR Antibody was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.