

Name:EGFR mouse monoclonal antibody,clone UMAB95
Product Data Sheet - UltraMAB

Catalog: UM500070

Gene Name:Homo sapiens epidermal growth factor receptor (EGFR), transcript variant 3
GeneBank accession: NM_201283
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB95

Gene Synonym: ERBB; ERBB1; HER1; mENA; PIG61

Validation Data:

Guaranteed Applications: IHC, 10K-CHIP

Western Blot

Suggested Dilutions: IHC 1:100,

Immunogen: Full length human recombinant protein of human EGFR(NP_958440) produced in HEK293T cell.

Components:

- EGFR mouse monoclonal antibody,clone UMAB95 (UM500070)

Amount:

UM500070 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

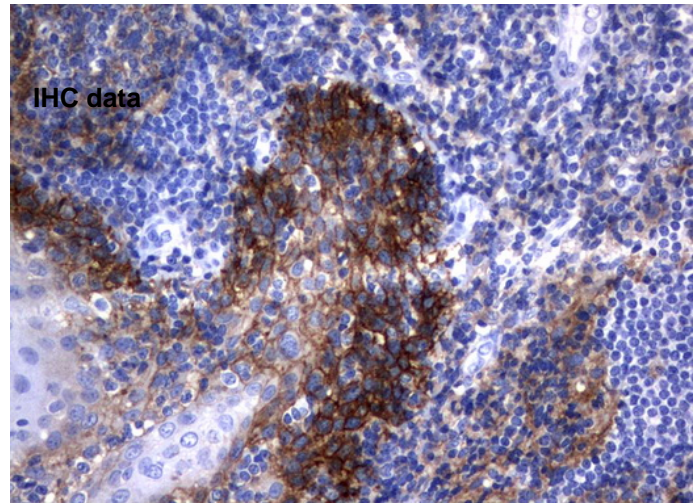
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

Background:

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. [provided by RefSeq, Jul 2010].



Immunohistochemical staining of paraffin-embedded Human tonsil using anti-EGFR mouse monoclonal antibody. (UM500070)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500070.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.