



Mouse Anti-Human EGFR

Cat. No.	Format	Size
10400-01	Purified (UNLB)	0.1 mg



Total cell lysates from HEp-2 (Lane 1) and MIA PaCa-2 (Lane 2) cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human EGFR-UNLB (SB Cat. No. 10400-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) secondary antibody and chemiluminescent detection.

Overview

Clone SB41a

 $\begin{array}{ll} \textbf{Isotype} & \textbf{Mouse (BALB/c) IgG}_{2a} \kappa \\ \textbf{Immunogen} & \textbf{Recombinant human EGFR} \end{array}$

Specificity Human EGFR

Alternate Name(s) Epidermal growth factor receptor, proto-oncogene c-ErbB-1, receptor tyrosine-protein kinase erbB-1,

ErbB-1. HER1

Description

Epidermal growth factor receptor (EGFR) is a transmembrane receptor for epidermal growth factor (EGF). It is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases - HER1 (EGFR, ErbB-1), HER (Neu, ErbB-2), HER3 (ErbB-3), and HER4 (ErbB-4). EGFR exists on the cell surface as inactive monomers and is activated by binding of its specific ligands, including EGF, transforming growth factor alpha (TGF-α), or others. Upon activation, EGFR can pair with another EGFR to form an active homodimer or pair with another member of the ErbB receptor family to create a heterodimer.

Applications

WB – Quality tested IHC-PS ¹ ICC ¹

Working Dilutions

Immunoblotting Purified (UNLB) antibody $\leq 2 \mu g/mL$

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is

appropriate for your specific need.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

References

SouthernBiotech published data (IHC-PS, ICC)

For Research Use Only. Not for Diagnostic or Therapeutic Use.

TB10400 30-May-19

Email: info@southernbiotech.com • Website: www.southernbiotech.com