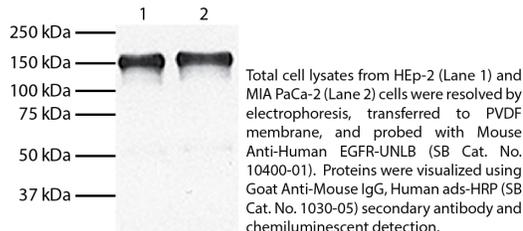




Mouse Anti-Human EGFR

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



Overview

Clone	SB41a
Isotype	Mouse (BALB/c) IgG _{2a} K
Immunogen	Recombinant human EGFR
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-PS¹
 ICC¹

Working Dilutions

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

