

Monoclonal Antibody to EGFR / ERBB1 - PE

Alternate names:	EGF Receptor, Epidermal growth factor receptor, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1, c-ErbB-1, erbB-1
Catalog No.:	SM1334R
Quantity:	100 Tests
Background:	EGFR is over expressed in a high proportion of breast cancer cells and in a range of other carcinomas. High level expression of EGFR is often associated with advanced disease and poor prognosis.
Uniprot ID:	P00533
NCBI:	NP_005219.2
GeneID:	1956
Host / Isotype:	Rat / IgG2a
Clone:	ICR10
Immunogen:	Extracellular domain of human EGF-receptor from head and neck carcinoma.
Format:	State: Lyophilized purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1.0 ml distilled water
Applications:	Flow Cytometry (Neat) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the epidermal growth factor receptor (EGFR). This antibody binds to epitope B from EGFR (1, 2). Species: Human. Other species not tested. Affinity Constant: 6.7 x 10e-9 M
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch
General References:	1. Modjtahedi, H. and Dean, C.J. (1994) The receptor for EGF and its ligands: Expression, prognostic value and target for therapy in cancer. <i>Int. J. Oncol.</i> 4: 277-296. 2. Modjtahedi, H. et al. (1993) Anti tumour activity of combinations of antibodies directed against different epitopes on the extra cellular domain of human EGF receptor. <i>Cell Biophys.</i> 1993. 22 (1-3): 129-46.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com