

Product datasheet for **SM1334R**

EGFR Rat Monoclonal Antibody [Clone ID: ICR10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ICR10
Applications:	FC
Recommended Dilution:	Flow Cytometry (Neat)
Reactivity:	Human
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Extracellular domain of human EGF-receptor from head and neck carcinoma.
Specificity:	This antibody recognises the epidermal growth factor receptor (EGFR). This antibody binds to epitope B from EGFR (1, 2).
Formulation:	PBS containing 1% Bovine Serum Albumin 5% Sucrose and 0.09% Sodium Azide
	Label: PE
	State: Lyophilized purified IgG
	Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 ml distilled water
Purification:	Affinity chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch
Gene Name:	epidermal growth factor receptor
Database Link:	Entrez Gene 1956 Human P00533



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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.

Synonyms: Epidermal growth factor receptor, EGF Receptor, erbB-1, c-ErbB-1