

Data Sheet

HUMAN EPIDERMAL GROWTH FACTOR RECEPTOR (EGF-R)

ANTIBODY, MONOCLONAL

Catalog no.:	AK 3007.2
Immunogen:	Human EGF-Receptor
Synonyms:	Receptor tyrosine-protein kinase erbB-1, Proto-oncogene c-ErbB-1
Swiss-Prot No:	P00533
Gene Information:	Gene Name: EGFR, ERBB1
	GeneID: 1956
Host:	Mouse Balb/c
Clone no.:	EGF-R1
Isotype:	IgG_1
Matrix:	Cell culture supernatant, Protein G purified, PBS pH 7.4, 0.1% NaN_3
Specificity:	Human EGF-Receptor (extracellular ligand binding site)
	There was no cross reactivity obtained with v-erb-B.
Contents:	100 µg (lyophilized)
	Resuspend in 100 µl aqua bidest.
Known applications:	ELISA[1, 2], immunohistochemistry (paraffin sections, 1.7 ng/ml PBS, 1% BSA), flow cytometry
	This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved)
	Repeated thawing and freezing must be avoided
References:	1. Manneck H, Steinhilber G, Pollow K, Roos W, Ruppert J, Armbruster F (1993) Enzyme-linked Immunosorbent Assay for the Determination of Epidermal Growth Factor Receptor. *Klin Lab* **39**: 177-182. 2. Reins HA, Steinhilber G, Freiberg B, Anderer FA (1993) Anti-epidermal growth factor receptor monoclonal antibodies affecting signal transduction. *J Cell Biochem* **51**(2)**:** 236-248.
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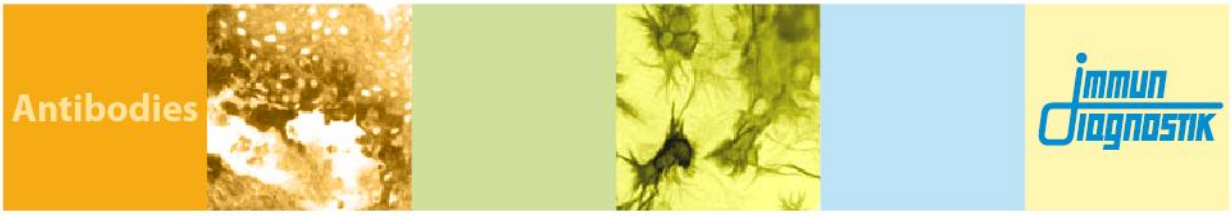

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