EGF receptor (human) monoclonal antibody (13G8)

This antibody is covered by our Worry-Free Guarantee.

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ALX-804-0640	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Stable at -80°C up to 1 year, at 4°C up to 3 months.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and freeze in liquid nitrogen.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Epidermal growth factor receptor, EGFR, HER-1
Application	ELISA, ICC, IP, Luminex, WB
Clone	13G8
Formulation	Lyophilized from 1ml of 2x PBS containing 0.09% sodium azide, PEG, and sucrose.
Host	Mouse
Immunogen	Synthetic peptide corresponding to aa 1165-1186 of EGF receptor (epidermal growth factor receptor) conjugated to KLH.
Isotype	IgG1
Positive Control	Included. (Prod. No. ALX-840-030)
Purity Detail	Thiophilic adsorption and size exclusion chromatography purified.

Recommendation Dilutions/Conditions	Immunocytochemistry (0.1-1µg/ml)Western Blot (1µg/ml for HRPO/ECL detection; recommended blocking buffer CPPT: 10mM TRIS-HCl, pH 7.4, 0.5% (w/v) casein, 1% (w/v) PEG 4,000, 1% (w/v) polyvinylpyrrolidone, 0.1% (v/v) Tween 20, 150mM sodium chloride)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Reconstitution	Reconstitute with 1ml water (15 minutes at room temperature).
Species Reactivity	Human, Mouse
Specificity	Recognizes the C-terminus of the EGF receptor (aa 1165-1186). Recognition is independent of phosphorylation of Tyr^{1173}.
UniProt ID	P00533
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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