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HIGH PERFORMANCE ANTIBODIES … AND MORE

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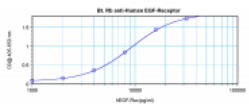
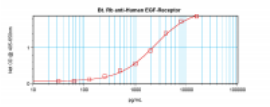
EGF Receptor Antibody (biotin)

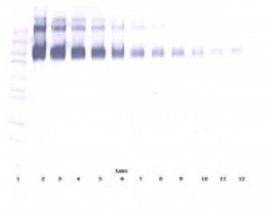
CATALOG NUMBER: 38-275



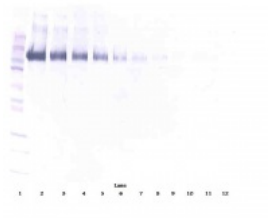
To detect Human EGF Receptor by direct ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 ug/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human EGF Receptor.



To detect Human EGF Receptor by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 ug/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Human EGF Receptor (38-264) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human EGF Receptor.



To detect Human EGF Receptor by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human EGF Receptor is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



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Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Direct: To detect Human EGF Receptor by direct ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human EGF Receptor.

	Sandwich To detect Human EGF Receptor by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Human EGF Receptor (38-264) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human EGF Receptor. Western Blot: To detect Human EGF Receptor by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human EGF Receptor is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
USER NOTE:	Centrifuge vial prior to opening.
IMMUNOGEN:	Produced from sera of rabbits immunized with highly pure recombinant Human EGF Receptor. Human EGF Receptor specific antibody was purified by affinity chromatography and then biotinylated.
HOST SPECIES:	Rabbit

Properties

PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	The lyophilized antibody is stable for at least 2 years from date of receipt at -20˚C. The reconstituted antibody is stable for at least two weeks at 2-80˚C. Frozen aliquots are stable for at least 6 months when stored at -20˚C. Avoid repeated freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Biotin

Additional Info

ALTERNATE NAMES:	ERBB, HER1, mENA, ERBB1, PIG61, ERBB, Epidermal growth factor receptor, Proto-oncogene c-ErbB-1,
ACCESSION NO.:	P00533
PROTEIN GI NO.:	2811086
OFFICIAL SYMBOL:	EGFR
GENE ID:	1956

Background

FOR RESEARCH USE ONLY

December 13, 2016