

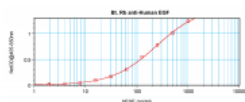
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EGF Antibody (biotin)

CATALOG NUMBER: XP-5119Bt



To detect hEGF 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 (XP-5119) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hEGF.

Specifications

SPECIES REACTIVITY: Human
TESTED APPLICATIONS: ELISA, WB
APPLICATIONS: ELISA:

Sandwich: To detect hEGF 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 our Polyclonal Anti-Human EGF (XP-5119) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hEGF.

Western Blot:

To detect hEGF by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hEGF 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 pre-immunized with highly pure (>98%) recombinant hEGF (human Epidermal Growth Factor).
HOST SPECIES: Rabbit

Properties

PURIFICATION:	Anti-hEGF specific antibody was purified by affinity chromatography and then biotinylated.
PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	EGF 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 2-8°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:	URG, HOMG4Pro-epidermal growth factor, Urogastrone, EGF
ACCESSION NO.:	P01133
PROTEIN GI NO.:	251757262
OFFICIAL SYMBOL:	EGF
GENE ID:	1950

Background

FOR RESEARCH USE ONLY

March 9, 2018