

# EGF Recombinant Polyclonal Antibody (3 HCLC)

## Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Recombinant Polyclonal
Type	Antibody
Clone	3 HCLC
Conjugate	Unconjugated
Immunogen	proprietary
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532740

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	2 µg/mL	

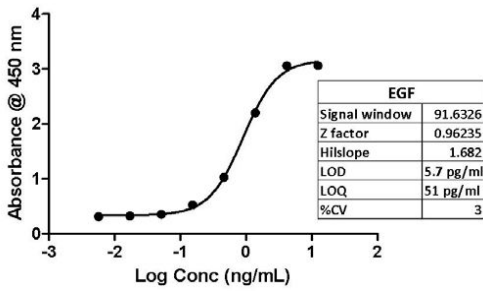
## Product Specific Information

This antibody is predicted to react with bovine, canine, feline, non-human primate and mouse based on sequence homology.

Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain.

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds – the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody – recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets – a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

## Product Images For EGF Recombinant Polyclonal Antibody (3 HCLC)



### EGF Antibody (710569) in ELISA

Sandwich ELISA analysis using a ten point standard curve plotted with a full-length active recombinant EGF protein standard at concentrations ranging from 12.5 ng/mL to 0.3 pg/mL bound by Anti-EGF capture antibody coated onto the plate. The standard was detected using a biotin-conjugated EGF Recombinant Rabbit Polyclonal Antibody (Product # 710569) at a concentration of 2 µg/mL. A non-linear regression analysis was performed (4 PL) and LOD and LOQ for the antibody pair was determined.

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