



Anti-EGF polyclonal antibody [Biotin] (DPABY-536)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View EGF IHC images.
Specificity	Detects mouse EGF in ELISAs and Western blots. In sandwich immunoassays, less than 0.01% cross-reactivity with recombinant human EGF and recombinant rat EGF is observed.
Immunogen	E. coli-derived recombinant mouse EGF
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Egf epidermal growth factor [Mus musculus (house mouse)]
Official Symbol	EGF
Synonyms	EGF; epidermal growth factor; AI790464; pro-epidermal growth factor; Pro-epidermal growth factor precursor (EGF);
Entrez Gene ID	13645
Protein Refseq	NP_034243
UniProt ID	P01132
Chromosome Location	3 G3; 3 58.5 cM
Pathway	Adaptive Immune System; Bladder cancer; Constitutive PI3K/AKT Signaling in Cancer; Cytokine-cytokine receptor interaction; DAP12 interactions; DAP12 signaling; Delta-Notch Signaling Pathway; Disease;
Function	calcium ion binding; epidermal growth factor receptor binding; growth factor activity; protein binding;