



Anti-TGFB1 polyclonal antibody [Biotin] (DPABY-330)

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

PRODUCT INFORMATION

Antigen Description	beta IG-H3, also known as Kerato-epithelin and RGD-CAP (RGD-containing collagen associated protein), is a 66 kDa secreted adhesion molecule that binds to collagens and integrins via covalent and noncovalent interactions.
Specificity	Detects mouse beta IG-H3 in ELISAs and Western blots. In sandwich immunoassays, less than 6% cross-reactivity with recombinant human (rh) beta IG-H3 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse beta IG-H3. Gly24-His683 Accession Number P82198
Isotype	IgG
Source/Host	Sheep
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	Tgfb1 transforming growth factor, beta induced [Mus musculus (house mouse)]
Official Symbol	TGFB1
Synonyms	TGFB1; transforming growth factor, beta induced; 68kDa; big-h3; Beta-ig; A181842; A1747162; transforming growth factor-beta-induced protein ig-h3; beta ig-h3; transforming growth factor, beta induced, 68 kDa;
Entrez Gene ID	21810
Protein Refseq	NP_033395
UniProt ID	A1L353
Chromosome Location	13 B-C1; 13 30.09 cM
Pathway	Amyloids; Disease;
Function	collagen binding; extracellular matrix binding;