



Anti-IL18BP monoclonal antibody, clone 247042 (DCABY-4158)

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

PRODUCT INFORMATION

Antigen Description	Interleukin 18 binding proteins are secreted glycoproteins which antagonize IL-18 activity by binding IL-18 and blocking its biological activity. Alternative splicing of the IL-18 BP gene produces at least four isoforms that differ in affinity for IL-18. The IL-18 BP isoforms a and c each contain one immunoglobulin (Ig)-like C2-type domain while isoforms b and d lack a complete Ig-like domain.
Specificity	Detects human IL-18 BPα in ELISAs. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant human (rh) IL-18, recombinant mouse (rm) IL-18 BPc and rIL-18 BPd is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human IL-18 BPα. Thr31-Gly194 (predicted) Accession Number O95998
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	247042
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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	IL18BP interleukin 18 binding protein [Homo sapiens (human)]
Official Symbol	IL18BP
Synonyms	IL18BP; interleukin 18 binding protein; IL18BPα; interleukin-18-binding protein; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product;
Entrez Gene ID	10068
Protein Refseq	NP_001034748
UniProt ID	A0A024R5G2
Chromosome Location	11q13
Function	interleukin-18 binding; receptor antagonist activity;