



Anti-CD14 polyclonal antibody [Biotin] (DPABY-405)

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

PRODUCT INFORMATION

Antigen Description	View CD14 IHC images.
Specificity	Detects human CD14 in ELISAs and Western blots. In sandwich ELISAs, less than 0.2% cross-reactivity with recombinant mouse CD14 and Lipopolysaccharide is observed.
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human CD14. Thr20-Cys352 Accession Number P08571
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Procedure	Matched Antibody Pairs
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	CD14 CD14 molecule [Homo sapiens (human)]
Official Symbol	CD14
Synonyms	CD14; CD14 molecule; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein;
Entrez Gene ID	929
Protein Refseq	NP_000582
UniProt ID	P08571
Chromosome Location	5q31.1
Pathway	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; Amoebiasis; Hematopoietic cell lineage; IKK complex recruitment mediated by RIP1; Immune System; Innate Immune System; Legionellosis;
Function	lipopolysaccharide binding; lipoteichoic acid binding; opsonin receptor activity; peptidoglycan receptor activity; protein binding;