Datasheet for ABIN185563

anti-CD14 antibody (Internal Region)

5 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	CD14
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD14 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA

Product Details

Purpose:	CD14
Immunogen:	Peptide with sequence C-KRVDADADPRQYAD, from the internal region of the protein sequence according to NP_000582.1.
Sequence:	KRVDADADPR QYAD
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

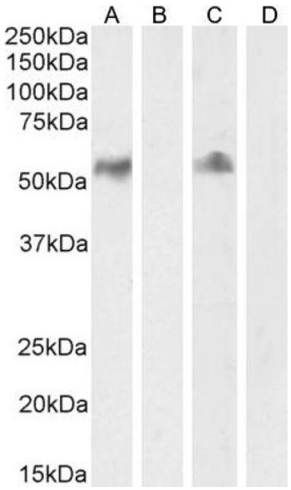
Target:	CD14
Alternative Name:	CD14 (CD14 Products)
Background:	CD14, CD14 antigen , HGNC:1628
Gene ID:	929
NCBI Accession:	NP_000582
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Toll-Like Receptors Cascades

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in Human Lymph node and Tonsil lysates (calculated MW of 40.1 kDa according to NP_000582.1).The observed molecular weight corresponds to the glycosylated form, and was successfully blocked by incubation with the im Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	**Flow Cytometry:** Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. (ABIN185563) (2 µg/mL) staining of Human Lymph node (A) + peptide (B) and Tonsil (C) + peptide (D) lysate (35 µg protein in RIPA buffer) Detected by chemiluminescence.

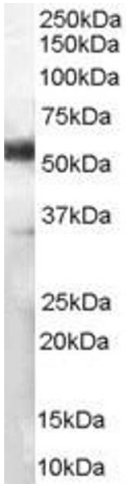
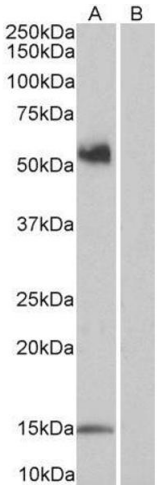


Image 2. ABIN185563 (1µg/ml) staining of Human Lymph Node lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN185563 (1µg/ml) staining of PBM lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Detected by chemiluminescence.

Please check the product details page for more images. Overall 5 images are available for ABIN185563.