

Mouse CD14 Monoclonal Antibody | anti-CD14 antibody

MOUSE ANTI HUMAN CD14:RPE

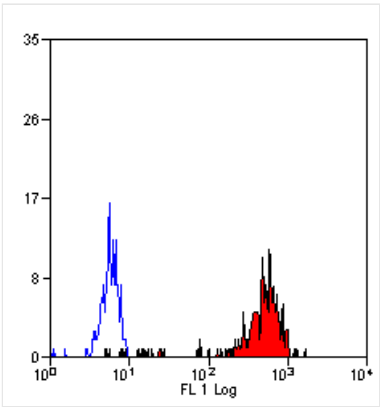
CATALOG # AAA12030	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

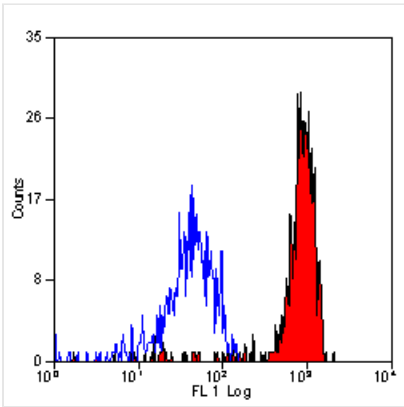
CD14; Monoclonal Antibody; MOUSE ANTI HUMAN CD14:RPE; anti-CD14 antibody

PRODUCT SPECIFICATIONS

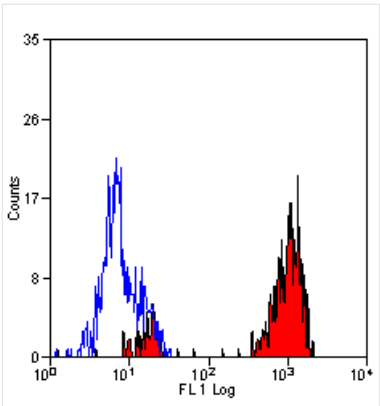
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	TÜK4
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	375
Applicable Applications for anti-CD14 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood. Flow Cytometry: Minimum Dilution: Neat; Maximum Dilution: 1/10
Reconstitution	Reconstitute with 1ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.



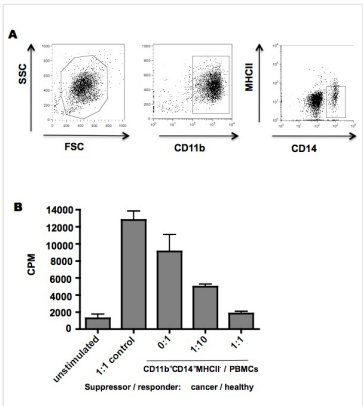
Application Data
Staining of human peripheral blood monocytes probed with Mouse anti Human CD14:FITC



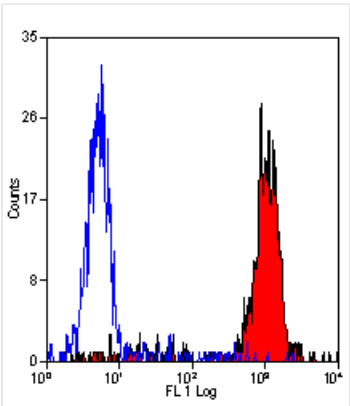
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD14:RPE-Alexa Fluor 750



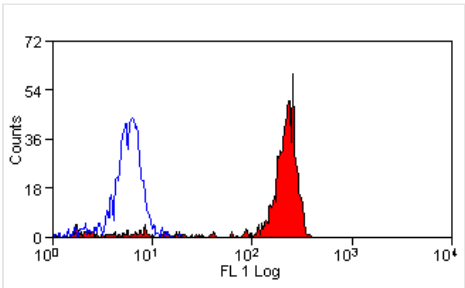
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD14



Application Data
Published customer image: CD11b+CD14+MHCII- cells demonstrate ability to suppressive T cell proliferation. (A) CD11b+CD14+MHCII- cells were sorted from peripheral blood sample of an osteosarcoma dog (B) and co-cultured with healthy dog PBMCs in the presence of mitogen for 72 hs. Non-stimulated PBMCs were used as negative control and PBMCs co-cultured with healthy PMNs were used to control for the effect of adding cells to the assay. Proliferative responses were measured by 3H-thymidine incorporation. CPM, counts per minute. The experiment was performed in triplicate. Mean +/- SEM are shown.From: Goulart MR, Pluhar GE, Ohlfest JR (2012) Identification of Myeloid Derived Suppressor Cells in Dogs with Naturally Occurring Cancer. PLoS ONE 7(3): e33274.



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD14



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD14:Biotin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557417
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NCBI GeneID	929
NCBI Accession #	NP_000582.1
NCBI GenBank Nucleotide #	NM_000591.3
Molecular Weight	40,076 Da
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 molecule
NCBI Official Symbol	CD14
NCBI Protein Information	monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	CD14
UniProt Entry Name	CD14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd14-antibody-clone-tUk4-flow-cytometry-elisa/12030>