Recombinant CD14 Monoclonal Antibody

Description

This Recombinant CD14 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA0136
Contents:	Recombinant CD14 Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C110122
Applications:	WB, IHC, IF, ELISA
Reactivity:	Human, Mouse, Rat

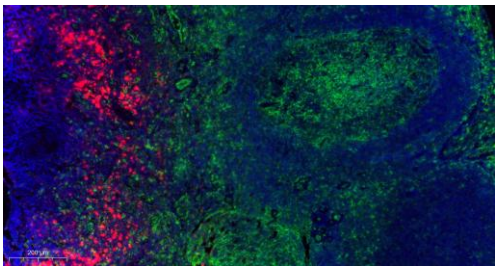
Antibody Data

Uniprot ID:	P08571, P10810, Q63691
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	0.2 µm filtered solution in PBS

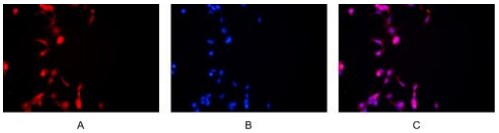
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	IHC 1:2000-1:5000, WB 1:1000-1:5000, IF 1:200-1:1000, ELISA 1:5000-1:20000
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

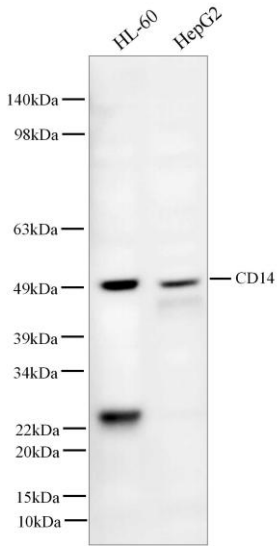
Validation Data



Fluorescence multiplex immunohistochemical analysis of human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit.CD38 rabbit mAb (RED) and CD14 rabbit mAb (GREEN) was tested with different TSA Fluorescence regent. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



Immunofluorescence analysis of HEK293. Picture A: CD14 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B



Western blot analysis of HL-60 and HepG2 cell lysates using CD14 Antibody (RMEA0136) at a dilution of 1:1500. Observed-MW:50kD Calculated-MW:40kD

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.