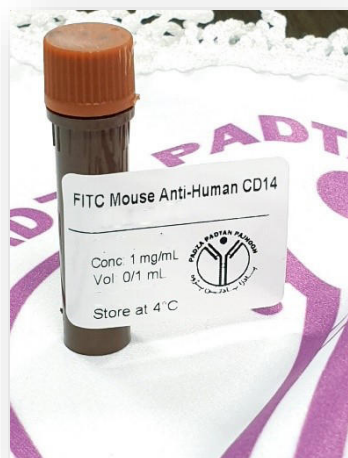




Product Datasheet



Mouse Anti-Human CD14-FITC

Overview

Product number	PDZMM101-F
Host species	Mouse
Target species	Human
Suitable for:	Flow cytometry, ICC, IHC-Fr, IHC-P

Immunogen A KLH-conjugated synthetic peptide derived from human CD14 protein was used for immunization.

Conjugation FITC

Properties

Form Liquid

Storage instructions Shipped at 4 °C. Store at 4 °C. Avoid freezing. Store at darkness.

Storage buffer Phosphate buffered saline pH 7.4, contains stabilizer and $\leq 0.09\%$ sodium azide.

Purity SpG purified

Purification notes This product was prepared by immunoaffinity chromatography using protein G coupled to Sepharose 4B.

Conjugation notes FITC-conjugated

Clonality Monoclonal

Isotype IgG

General notes Centrifuge product if not completely clear after standing at room temperature. This product is stable before the expiry date at 4 °C as an undiluted liquid. Dilute only prior to immediate use.

Our customer's feedback says the antibody worked great. If in case the antibody fails to give results then please contact our scientific support team for assistance.



Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end-user.

Product Usage Information:

Application Dilutions

Immunohistochemistry (Paraffin)	5-10 ug/ml
Immunohistochemistry (Frozen)	5-10 ug/ml
Immunofluorescence	5-10 ug/ml
Flow Cytometry	5-10 ug/ml

Background:

CD14 (cluster of differentiation 14) is a human protein made mostly by macrophages as part of the innate immune system. It helps to detect bacteria in the body by binding lipopolysaccharide (LPS), a pathogen-associated molecular pattern (PAMP).

CD14 exists in two forms, one anchored to the membrane by a glycosylphosphatidylinositol (GPI) tail (mCD14), the other a soluble form (sCD14). Soluble CD14 either appears after shedding of mCD14 (48 kDa) or is directly secreted from intracellular vesicles (56 kDa).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

References:

Note: This product has originally been developed at Avicenna Research Institute, Tehran, IRAN and assigned to PADZA Company according to contract 98/15/191, dated 98/01/10.