

CD14 (AB1239) mouse mAb

V0219

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 40 kDa (calculated)
- 40 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:200

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1239

Immunogen A synthetic peptide corresponding to the amino acid region 1 - 100 of the human CD14 protein.

Specificity The antibody can specifically recognize human CD14 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CD14

Protein Name CD14

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P08571	929

Background CD14 is a 55 kDa glycoprotein, which is the receptor of lipopolysaccharide and lipopolysaccharide binding protein complex. It is expressed in monocytes, macrophages and Langerhans cells, and strongly up-regulated during the differentiation of monocytic precursor cells into mature monocytes, but not in stem cells, bone marrow cells and thymocytes in early differentiation. It is mainly used for the study of monocytic leukemia, true histiocytic lymphoma and histiocytosis, as well as the immunotyping of acute myeloid leukemia.