



Rabbit Anti-Human CD14 Monoclonal Antibody, clone CQ7222 (CABT-Z268R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within aa1-100 of Podoplanin was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7222
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	40 kDa
Cellular Localization	Membrane
Positive Control	Appendix
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CD14 is receptor for endotoxin and apoptotic cells. It is expressed by monocytes/histiocytes, Langerhans' cells, follicular dendritic reticulum cells, neutrophils (weakly), and endothelial cells of the liver sinusoids. CD14 is detected in myeloid leukaemias with monoblastic/monocytic differentiation, and in histiocytic neoplasms like histiocytic lymphoma, Langerhans' cell histiocytosis and giant cell tumour. In cultures, a subpopulation of Kaposi sarcoma cells express CD14. In differential diagnosis, CD14 is more specific than CD68 in the identification of monocytes/histiocytes and associated neoplasias.
Keywords	CD14; CD14 antigen; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein

GENE INFORMATION

Gene Name	CD14
Entrez Gene ID	929
UniProt ID	P08571