



Rabbit Anti-Human MPO Monoclonal Antibody, clone CQ7215 (CABT-Z262R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within aa150-250 of Myeloperoxidase was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7215
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Cellular Localization	Cytoplasmic
Positive Control	Liver Tissue
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	Myeloperoxidase (MPO) also called the peroxidase (POD), is an important marker of bone marrow cells. It is one of the members of the family of heme peroxidase super existing in myeloid cells (mainly neutrophils and monocytes of aniline blue particles). With the deepening of the research on MPO, MPO gene polymorphism has been found to lead to individual for some disease susceptibility differences, with a variety of human development is closely related to the occurrence of diseases. The antibody reacts with neutrophil granulocytes and monocytes in blood and with precursors of granulocytes in the bone marrow. The antibody is useful as an aid for classification of neoplastic tissue, i.e. myeloblasts and immature myeloid cells of acute myelogenous leukemia, progranulocytic leukemia, monomyelocytic leukemia, erythroleukemia and myeloblastoma.
Keywords	MPO; myeloperoxidase

GENE INFORMATION

Gene Name	MPO
Entrez Gene ID	4353
UniProt ID	P05164