Recombinant Cystathionase Monoclonal Antibody

catalog number: **AN301253L**

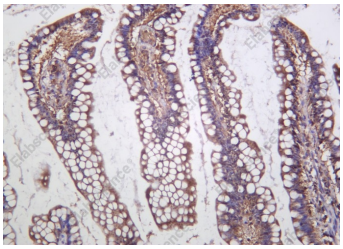
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human Cystathionase protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310876
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IF	1:200-1:1000
IP	1:50-1:200
ELISA	1:5000-1:20000

Data



Immunohistochemistry of paraffin-embedded human colon using Recombinant Cystathionase Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

This gene encodes a cytoplasmic enzyme in the trans-sulfuration pathway that converts cystathione derived from methionine into cysteine. Glutathione synthesis in the liver is dependent upon the availability of cysteine. Mutations in this gene cause cystathioninuria. Alternative splicing of this gene results in three transcript variants encoding different isoforms.

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