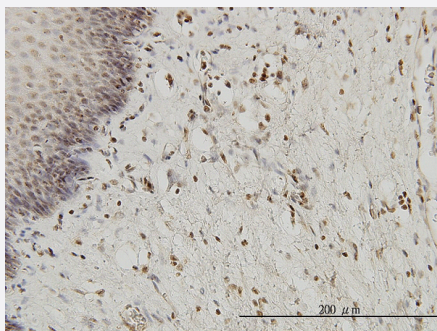


HYI monoclonal antibody (M01), clone 2A2

Catalog # H00081888-M01

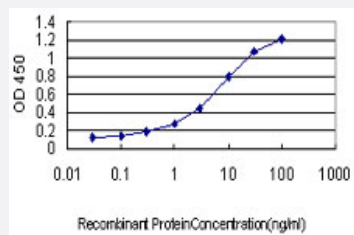
Size 100 ug

Applications



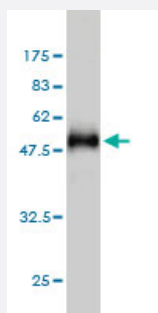
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HYI on formalin-fixed paraffin-embedded human esophagus. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HYI is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (49.61 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant HYI.

Immunogen	HY1 (AAH06140, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGLGAVPGRQAAAFREGLEQAVRYAKALGCPRIHLMAGRVPQGADRIAVKAEMEAVFLENLRHAA GVLAQEDLVGLLEPINTRITDPQYFLDTPQQAAAILQKVGRPNLQLQMDIFHWQIMDGNLTGNIREF LPVGHVQVAQVPGRGEPSSPGELNFPYLFQLLENEGYKGFVGCEYQPRGDTVEGLSWLRSYW DRRATQRLASEGPHTTHVPPDSE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (91)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.61 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HY1 on formalin-fixed paraffin-embedded human esophagus. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HY1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HY1

Entrez GeneID	81888
GeneBank Accession#	BC006140
Protein Accession#	AAH06140
Gene Name	HYI
Gene Alias	HT036, MGC20767
Gene Description	hydroxypyruvate isomerase homolog (E. coli)
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000008689 endothelial cell apoptosis protein E-CE1 hydroxypyruvate isomerase homolog

Pathway

- [Glyoxylate and dicarboxylate metabolism](#)
- [Metabolic pathways](#)