

HYI Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HYI.
Catalog # AT2462a

Product Information

| | |
|--------------------------|--------------------------|
| Application | WB, IHC, E |
| Primary Accession | Q5T013 |
| Other Accession | BC006140 |
| Reactivity | Human |
| Host | mouse |
| Clonality | monoclonal |
| Isotype | IgG1 kappa |
| Clone Names | 2A2 |
| Calculated MW | 30406 |

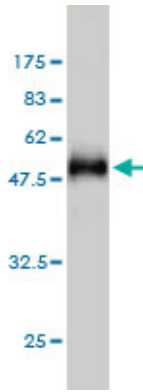
Additional Information

| | |
|---------------------------|---|
| Gene ID | 81888 |
| Other Names | Putative hydroxypyruvate isomerase, Endothelial cell apoptosis protein E-CE1, HYI |
| Target/Specificity | HYI (AAH06140, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Dilution | WB~~1:500~1000 IHC~~1:100~500 E~~N/A |
| Format | Clear, colorless solution in phosphate buffered saline, pH 7.2 . |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Precautions | HYI Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

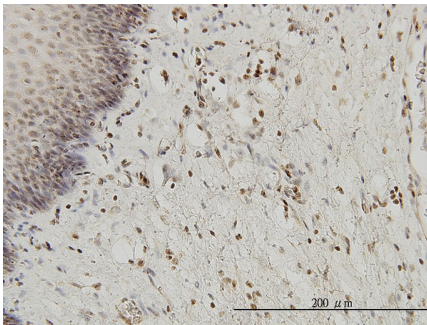
References

Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Expressed sequence tag analysis of adult human iris for the NEIBank Project: steroid-response factors and similarities with retinal pigment epithelium. Wistow G, et al. Mol Vis, 2002 Jun 15. PMID 12107412. Biochemical evidence that Escherichia coli hyi (orf b0508, gip) gene encodes hydroxypyruvate isomerase. Ashiuchi M, et al. Biochim Biophys Acta, 1999 Nov 16. PMID 10561547.

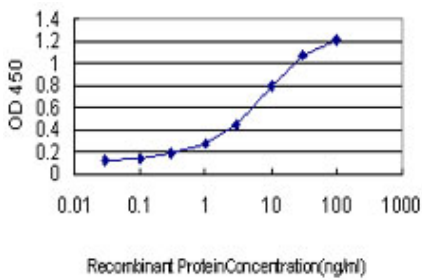
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.61 KDa) .



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.