

ERH Antibody (monoclonal) (M14)

Mouse monoclonal antibody raised against a full length recombinant ERH.

Catalog # AT1942a

Product Information

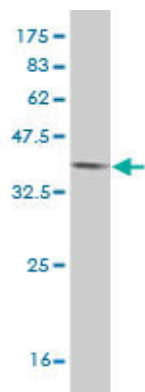
Application	WB, IHC, IF, E
Primary Accession	P84090
Other Accession	BC014301
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4A10
Calculated MW	12259

Additional Information

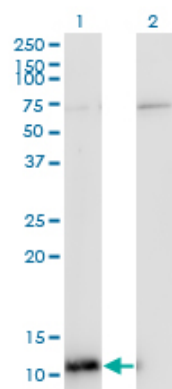
Gene ID	2079
Other Names	Enhancer of rudimentary homolog, ERH
Target/Specificity	ERH (AAH14301, 1 a.a. ~ 104 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ERH Antibody (monoclonal) (M14) is for research use only and not for use in diagnostic or therapeutic procedures.

References

The metastasis efficiency modifier ribosomal RNA processing 1 homolog B (RRP1B) is a chromatin-associated factor. Crawford NP, et al. J Biol Chem, 2009 Oct 16. PMID 19710015. Enhancer of the rudimentary gene homologue (ERH) expression pattern in sporadic human breast cancer and normal breast tissue. Zafrakas M, et al. BMC Cancer, 2008 May 23. PMID 18500978. Ciz1, a p21 cip1/Waf1-interacting zinc finger protein and DNA replication factor, is a novel molecular partner for human enhancer of rudimentary homolog. Lukasik A, et al. FEBS J, 2008 Jan. PMID 18081865. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. A 1.55 Å resolution X-ray crystal structure of HEF2/ERH and insights into its transcriptional and cell-cycle interaction networks. Jin T, et al. Proteins, 2007 Aug 1. PMID 17444515.



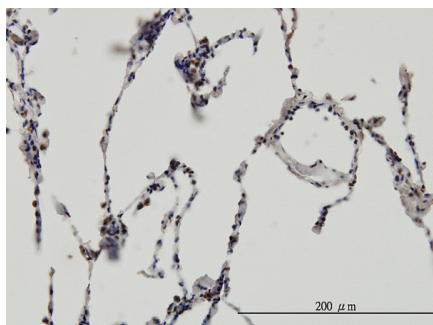
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.18 KDa) .



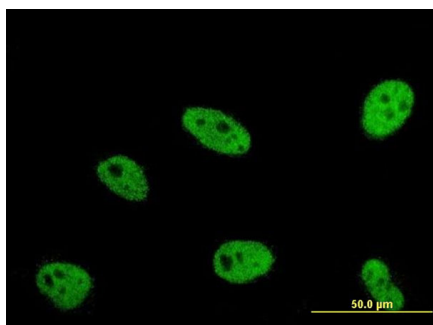
Western Blot analysis of ERH expression in transfected 293T cell line by ERH monoclonal antibody (M14), clone 4A10.

Lane 1: ERH transfected lysate(12.3 KDa).

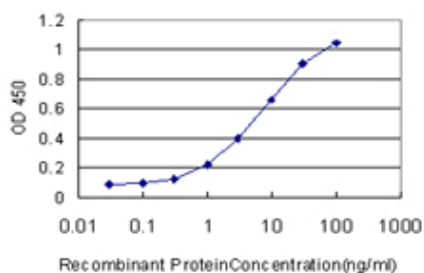
Lane 2: Non-transfected lysate.



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



Immunofluorescence of monoclonal antibody to ERH on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged ERH is approximately 0.3ng/ml as a capture antibody.

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