

ERO1L Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ERO1L.****Catalog # AT1946a****Specification**

ERO1L Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q96HE7
Other Accession	NM_014584
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	54393

ERO1L Antibody (monoclonal) (M01) - Additional Information**Gene ID** 30001**Other Names**

ERO1-like protein alpha, ERO1-L, ERO1-L-alpha, 184-, Endoplasmic oxidoreductin-1-like protein, Oxidoreductin-1-L-alpha, ERO1L

Target/Specificity

ERO1L (NP_055399, 90 a.a. ~ 178 a.a) partial 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

ERO1L Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

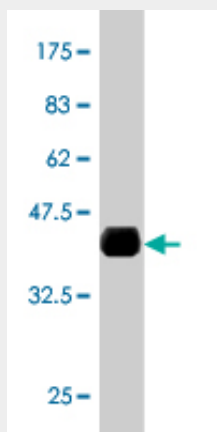
ERO1L Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

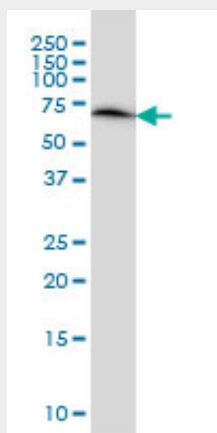
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

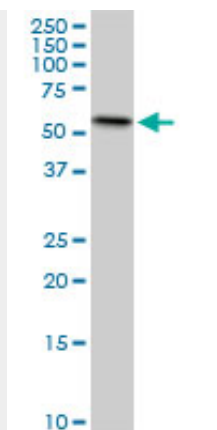
ERO1L Antibody (monoclonal) (M01) - Images



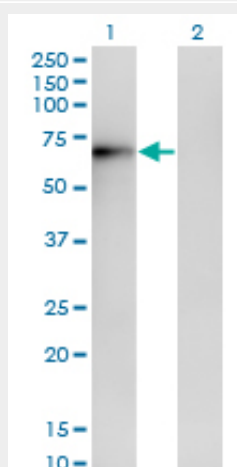
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



ERO1L monoclonal antibody (M01), clone 4G3 Western Blot analysis of ERO1L expression in HeLa (Cat # AT1946a)



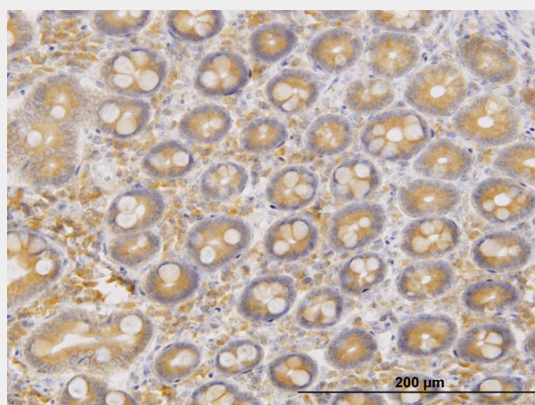
ERO1L monoclonal antibody (M01), clone 4G3. Western Blot analysis of ERO1L expression in PC-12 (Cat # AT1946a)



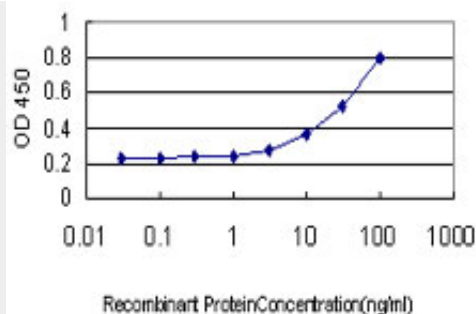
Western Blot analysis of ERO1L expression in transfected 293T cell line by ERO1L monoclonal antibody (M01), clone 4G3.

Lane 1: ERO1L transfected lysate(54 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to ERO1L on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1.5 ug/ml]



Detection limit for recombinant GST tagged ERO1L is approximately 3ng/ml as a capture antibody.

ERO1L Antibody (monoclonal) (M01) - References

1. Ero1-? and PDIs constitute a hierarchical electron transfer network of endoplasmic reticulum oxidoreductases. Araki K, Iemura S, Kamiya Y, Ron D, Kato K, Natsume T, Nagata K. J Cell Biol. 2013 Sep 16;202(6):861-74.