10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# ERO1L Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ERO1L.
Catalog # AT1946a

## Product Information

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|---|---|
| **Application** | WB, IHC, E |
| **Primary Accession** | Q96HE7 |
| **Other Accession** | NM_014584 |
| **Reactivity** | Human, Rat |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2b Kappa |
| **Clone Names** | 4G3 |
| **Calculated MW** | 54393 |

## Additional Information

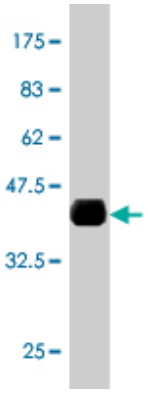
| | |
|---|---|
| **Gene ID** | 30001 |
| **Other Names** | ERO1-like protein alpha, ERO1-L, ERO1-L-alpha, 184-, Endoplasmic oxidoreductin-1-like protein, Oxidoreductin-1-L-alpha, ERO1L |
| **Target/Specificity** | ERO1L (NP_055399, 90 a.a. ~ 178 a.a) partial recombinant protein with GST tag. MW of the 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. |

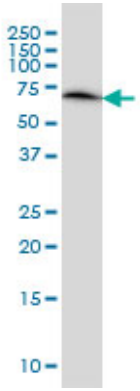
## References

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.

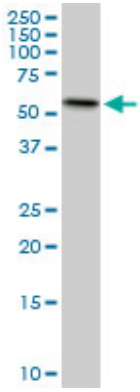
## Images

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

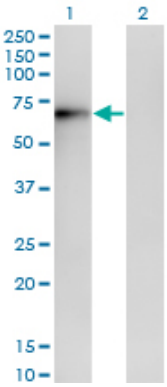



ERO1L monoclonal antibody (M01), clone 4G3 Western Blot analysis of ERO1L expression in HeLa ( (Cat # AT1946a )

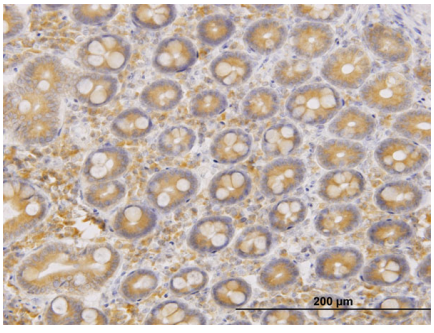



ERO1L monoclonal antibody (M01), clone 4G3. Western Blot analysis of ERO1L expression in PC-12 ( (Cat # AT1946a )

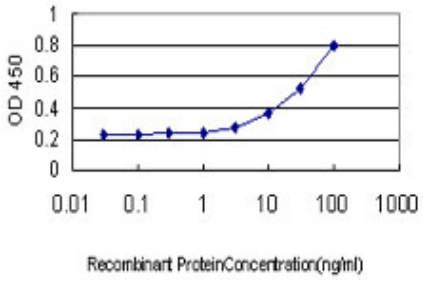



Western Blot analysis of ERO1L expression in transfected 293T cell line by ERO1L monoclonal antibody (M01), clone 4G3.

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.

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