

Mouse anti-Human, Rat ERO1L Monoclonal Antibody | anti-ERO1L antibody

ERO1L (ERO1-like Protein alpha, ERO1-L, ERO1-L-alpha, Endoplasmic Oxidoreductin-1-like Protein, Oxidoreductin-1-L-alpha, UNQ434/PRO865) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25385	Mouse	Human, Rat	ELISA, Immunohistochemistry, Western Blot

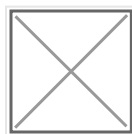
PRODUCT SYNONYMS

ERO1L; Monoclonal Antibody; ERO1L (ERO1-like Protein alpha; ERO1-L; ERO1-L-alpha; Endoplasmic Oxidoreductin-1-like Protein; Oxidoreductin-1-L-alpha; UNQ434/PRO865) (HRP); anti-ERO1L antibody

PRODUCT SPECIFICATIONS

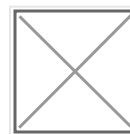
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4G3
Specificity	Recognizes human ERO1L. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-ERO1L antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1.5ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa90-179 from human ERO1L (NP_055399) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	DISQCGRRDCAVKPCQSDEVPDGIKSASYKYSEEANNLIEECEQAERLGAVDESLSEETQKAVLQWTKHDDSSDNFCEADDIQSPEAEY
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

ERO1L monoclonal antibody. Western Blot analysis of ERO1L expression in PC-12.



Application Data

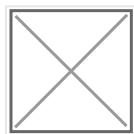
Detection limit for recombinant GST tagged ERO1L is ~3ng/ml as a capture antibody.

**IHC (Immunohistochemistry)**

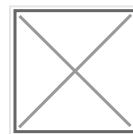
Immunoperoxidase of monoclonal antibody to ERO1L on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1.5ug/ml].

**WB (Western Blot)**

Western Blot analysis of ERO1L expression in transfected 293T cell line by ERO1L monoclonal antibody. Lane 1: ERO1L transfected lysate (54kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

ERO1L monoclonal antibody, Western Blot analysis of ERO1L expression in HeLa.

**WB (Western Blot)**

Western Blot detection against Immunogen (35.9kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERO1L antibody

[Antibodies](#); [Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657069
NCBI GeneID	30001
NCBI Accession #	NP_055399
NCBI GenBank Nucleotide #	NM_014584
UniProt Accession #	Q96HE7 ; Q7LD45 ; Q9P1Q9 ; Q9UKV6 ; A8K9X4 ; A8MYW1
Molecular Weight	54.4 kDa (468aa)
NCBI Official Full Name	ERO1-like protein alpha
NCBI Official Synonym Full Names	endoplasmic reticulum oxidoreductase 1 alpha
NCBI Official Symbol	ERO1A
NCBI Official Synonym Symbols	ERO1L; ERO1-L; ERO1LA; Ero1alpha; ERO1-alpha; ERO1-L-alpha
NCBI Protein Information	ERO1-like protein alpha
UniProt Protein Name	ERO1-like protein alpha
UniProt Gene Name	ERO1A
UniProt Synonym Gene Names	ERO1-L; ERO1-L-alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ero1-antibody-clone-4g3-immunohistochemistry-western-blot-elisa/25385>