

Rabbit anti-Human ERp57 Monoclonal Antibody | anti-ERp57 antibody

ERp57 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312474	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

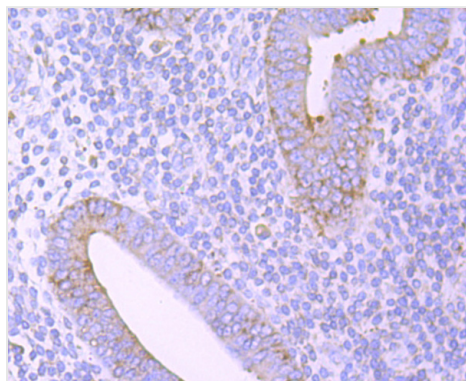
PRODUCT SYNONYMS

ERp57; Monoclonal Antibody; ERp57 Antibody; 58 kDa glucose regulated protein antibody; 58 kDa glucose-regulated protein antibody; 58 kDa microsomal protein antibody; Disulfide isomerase ER 60 antibody; Disulfide isomerase ER-60 antibody; Endoplasmic reticulum resident protein 57 antibody; Endoplasmic reticulum resident protein 60 antibody; ER p57 antibody; ER protein 57 antibody; ER protein 60 antibody; ERp 57 antibody; ERp57 antibody; ERp60 antibody; ERp61 antibody; Glucose Regulated Protein 58 Kd antibody; GRP 57 antibody; GRP 58 antibody; GRP57 antibody; HsT17083 antibody; p58 antibody; PDIA 3 antibody; PDIA3 antibody; PDIA3_HUMAN antibody; Phospholipase C alpha antibody; PI PLC antibody; Protein disulfide isomerase A3 antibody; Protein disulfide isomerase family A member 3 antibody; Protein disulfide-isomerase A3 antibody; anti-ERp57 antibody

PRODUCT SPECIFICATIONS

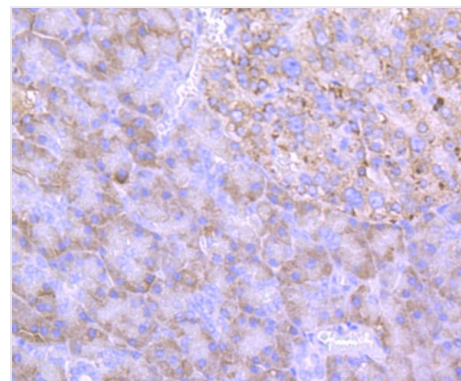
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JM11-44
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ERp57 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



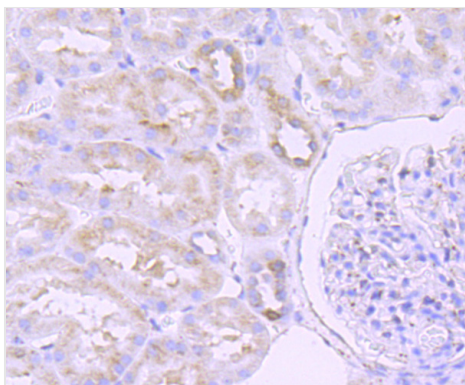
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-ERp57 antibody. Counter stained with hematoxylin.



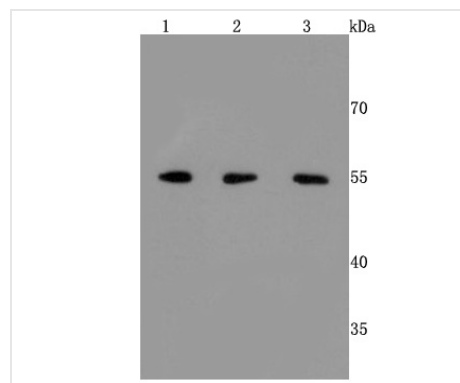
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-ERp57 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ERp57 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ERp57 on different cells lysates using anti-ERp57 antibody at 1/500 dilution. Positive control: Line 1: HeLa Line 2: HepG2 Line 3: 293T

ADDITIONAL INFORMATION

Related Product Information for anti-ERp57 antibody

Mammals defend themselves against intracellular pathogens through presentation of cytoplasmically-derived short pathogenic peptides to the cell surface of cytotoxic T lymphocytes, which subsequently leads to cytotoxic events with respect to the affected cell. Antigen presentation is mediated by major histocompatibility complex (MHC) class I molecules, which bind and coordinate short pathogenic peptides. MHC class I molecules assemble in the endoplasmic reticulum with chaperones before binding to the transporter associated with antigen processing (TAP). ERp57, also designated GRP57, GRP58, ERp60 and ERp61, is a component of the MHC class I pathway that appears to interact with MHC class I molecules before they associate with TAP. The human ERp57 gene maps to chromosome 15q15 and encodes a 505 amino acid protein. ERp57 has two Trp-Cys-Gly-His-Cys-Lys motifs completely conserved among the mammals. ERp57 may act as a protease, a protein disulfide isomerase, a phospholipase or a combination of these.

Product Categories/Family for anti-ERp57 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361657
NCBI GeneID	2923
NCBI Accession #	NP_005304.3
NCBI GenBank Nucleotide #	NM_005313.4
UniProt Accession #	P30101; Q13453; Q14255; Q8IYF8; Q9UMU7; AAB37397
Molecular Weight	56,782 Da
NCBI Official Full Name	protein disulfide-isomerase A3
NCBI Official Synonym Full Names	protein disulfide isomerase family A, member 3
NCBI Official Symbol	PDIA3
NCBI Official Synonym Symbols	P58; ER60; ERp57; ERp60; ERp61; GRP57; GRP58; PI-PLC; HsT17083
NCBI Protein Information	protein disulfide-isomerase A3; ER protein 57; ER protein 60; phospholipase C-alpha; 58 kDa microsomal protein; disulfide isomerase ER-60; endoplasmic reticulum P58; 58 kDa glucose-regulated protein; glucose regulated protein, 58kDa; protein disulfide iso
UniProt Protein Name	Protein disulfide-isomerase A3
UniProt Gene Name	PDIA3
UniProt Synonym Gene Names	ERP57; ERP60; GRP58; p58; ER protein 57; ERp57; ER protein 60; ERp60
UniProt Entry Name	PDIA3_HUMAN

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/erp57-antibody-clone-jm11-44-immunohistochemistry-immunoprecipitation-western-blot-elisa/312474>