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Anti-ERp19 Rabbit Monoclonal Antibody
Catalog # ABO16199

Specification

Anti-ERp19 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC, IF, ICC**
Primary Accession	O95881
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-ERp19 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-ERp19 Rabbit Monoclonal Antibody - Additional Information

Gene ID 51060

Other Names
Thioredoxin domain-containing protein 12, 1.8.4.2, Endoplasmic reticulum resident protein 18, ER protein 18, ERp18, Endoplasmic reticulum resident protein 19, ER protein 19, ERp19, Thioredoxin-like protein p19, hTLP19, TXNDC12 (HGNC:24626)

Calculated MW
17 kDa KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human ERp19

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-ERp19 Rabbit Monoclonal Antibody - Protein Information

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Name TXNDC12 (HGNC:24626)

Function
Protein-disulfide reductase of the endoplasmic reticulum that promotes disulfide bond formation in client proteins through its thiol- disulfide oxidase activity.

Cellular Location
Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138, ECO:0000269|PubMed:12761212}

Tissue Location
Widely expressed..

Anti-ERp19 Rabbit Monoclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ERp19 Rabbit Monoclonal Antibody - Images

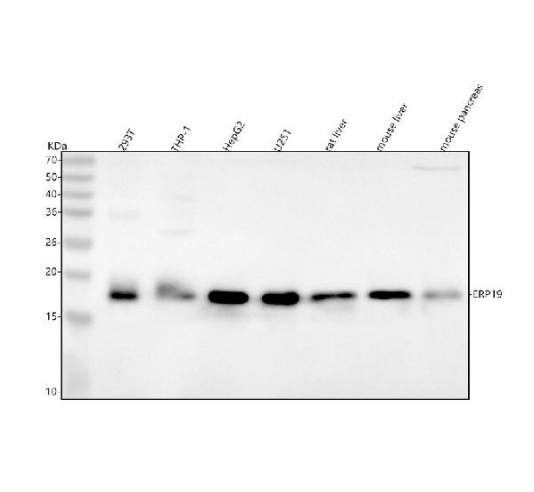

Figure 1. Western blot analysis of ERp19 using anti-ERp19 antibody (M08975).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human 293T whole cell lysates,
Lane 2: human THP-1 whole cell lysates,
Lane 3: human HepG2 whole cell lysates,
Lane 4: human U251 whole cell lysates,
Lane 5: rat liver tissue lysates,

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Lane 6: mouse liver tissue lysates,
Lane 7: mouse pancreas tissue lysates.
After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ERp19 antigen affinity purified monoclonal antibody (Catalog # M08975) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for ERp19 at approximately 17 kDa. The expected band size for ERp19 is at 19 kDa.