

#M25023

GRP75(147) Mouse mAb



Orders ■ 400-6123-828

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Web ■ www.ab-mart.com.cn

- ☐ 50 µl
- ☐ 100 µl
- ☐ 200 µl

DESCRIPTION

This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a polypeptide (Abmart SEAL mAb technology) corresponding to GRP75 protein.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

GRP75, HSPA9B, mot-2, mthsp75, PBP74

REACTIVITY

Homo sapiens

ISOTYPE

Mouse IgG

PREDICTED MOLECULAR WEIGHT

74 KDa

RECOMMEND ANTIBODY DILUTIONS

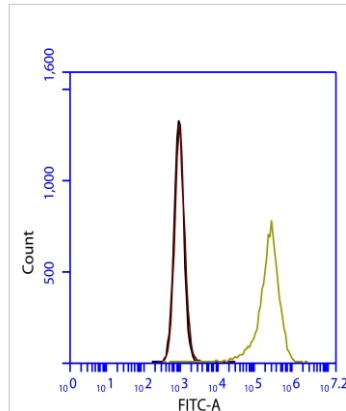
Western blotting	1:1000-1:5000
Immunoprecipitation	10 tests
FACS	1:100-1:200

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

PRODUCT ADVANTAGE

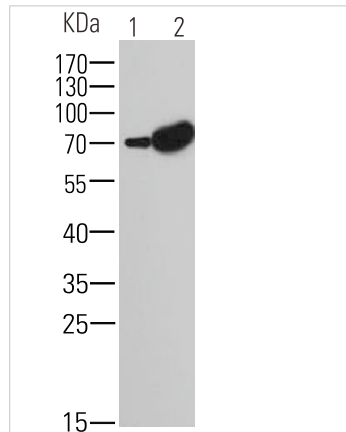
Mass spectrum approved

APPLICATION DATA



Flow Cytometry—Anti-GRP75 Antibody (M25023)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling GRP75 with M25001 at 1/200 dilution (green) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP-Anti-GRP75 Antibody (M25023)

GRP75 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25023 of 10µg. Western blot was performed from the immunoprecipitate using M25023 at 1/2000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.

Predicted band size : 74 KDa
Observed band size : 74 KDa

Blocking and dilution buffer and concentration: 5% milk/TBST.

COMPANION PRODUCTS

- #M21001 Goat-anti-Mouse IgG-HRP
- #M20001 His-Tag mAb
- #M20002 Myc-Tag mAb
- #M20003 HA-Tag mAb
- #M20018 Anti-DYKDDDDK-Tag mAb (Agarose conjugated)

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

rev.2017-1

For *in vitro* research use only and not intended for use in humans or animals.