

#M25018

KTN1(582) Mouse mAb

- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

This gene encodes an integral membrane protein that is a member of the kinesin protein family. The encoded protein is primarily localized to the endoplasmic reticulum membrane. This protein binds kinesin and may be involved in intracellular organelle motility. This protein also binds translation elongation factor-delta and may be involved in the assembly of the elongation factor-1 complex. Alternate splicing results in multiple transcript variants of this gene.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a polypeptide (Abmart SEAL mAb technology) corresponding to KTN1 protein.

STORAGE

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

ALIASES

Cg1, KIAA0004

REACTIVITY

Homo sapiens

ISOTYPE

Mouse IgG

PREDICTED MOLECULAR WEIGHT

156 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

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)

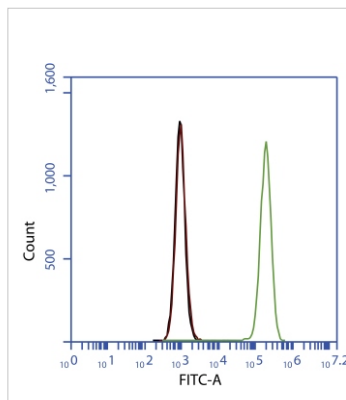
Abmart

Orders ■ 400-6123-828

orders@ab-mart.com

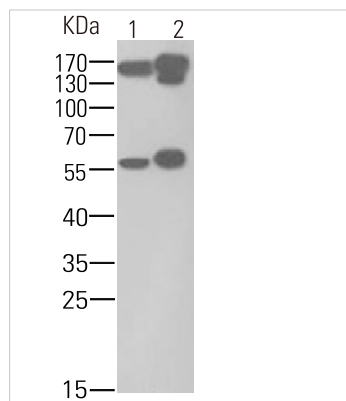
Web ■ www.ab-mart.com.cn

APPLICATION DATA



Flow Cytometry—Anti-KTN1 Antibody (M25018)

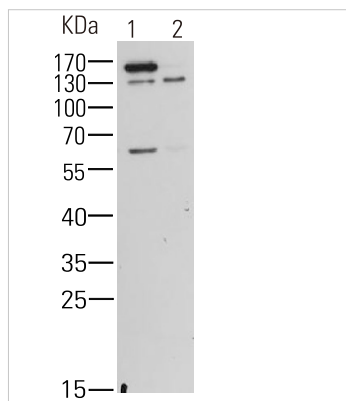
Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling KTN1 with M25018 at 1/200 dilution (green) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP-Anti-KTN1 Antibody(M25018)

KTN1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25018 of 10µg. Western blot was performed from the immunoprecipitate using M25018 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.

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



WB-Anti-KTN1 Antibody (M25018)

All lanes : KTN1 Mouse mAb at 1/2000 dilution

Lane 1 : Jurkat cells membrane fraction

Lane 2 : THP1 cells membrane fraction

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution

Predicted band size : 156 KDa

Observed band size : 156 KDa

Blocking/Dilution buffer : 1× TBST.

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

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