

Datasheet for ABIN3030229

anti-MERTK antibody

7 Images

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Overview

Quantity:	0.4 mL
Target:	MERTK
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MERTK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This MERTK antibody was produced from rabbits immunized with a his tag recombinant protein of human MERTK.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	MERTK
Alternative Name:	MERTK (MERTK Products)
Background:	MERTK is a member of the MER/AXL/TYRO3 receptor kinase family and a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in MERTK gene have been associated

Target Details

with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

UniProt: [Q12866](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Titration of the MERTK antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50,IHC (Paraffin): 1:50-1:10,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

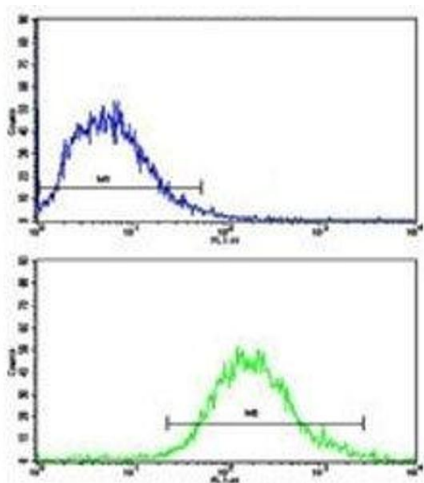
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

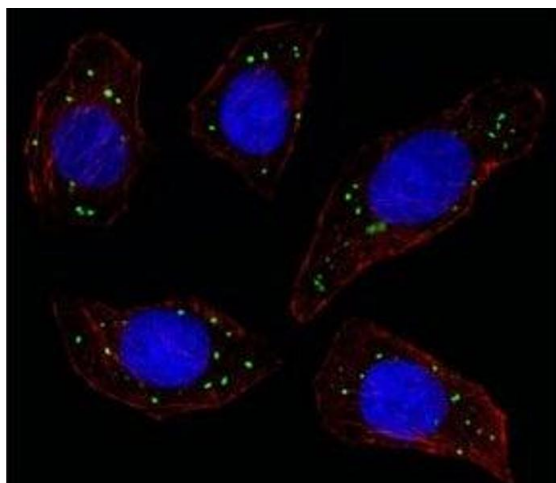
Storage Comment: Aliquot the MERTK antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



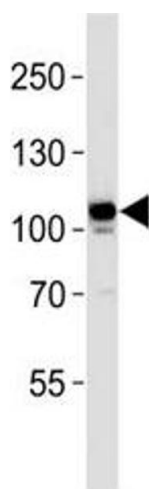
Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using MERTK antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunofluorescence

Image 2. Fluorescent image of U251 cell stained with MERTK antibody at 1:25. MERTK immunoreactivity is localized to vesicles.



Western Blotting

Image 3. MER antibody western blot analysis in Jurkat lysate. Predicted molecular weight: 110~205 kDa depending on glycosylation level.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3030229.