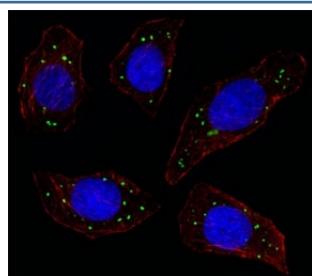


MERTK Antibody (F50840)

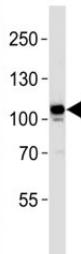
Catalog No.	Formulation	Size
F50840-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50840-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

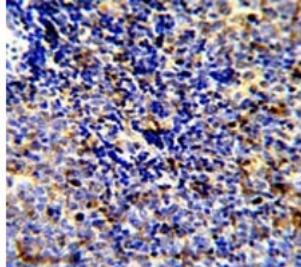
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q12866
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50 IHC (Paraffin) : 1:50-1:10 Flow Cytometry : 1:10-1:50
Limitations	This MERTK antibody is available for research use only.



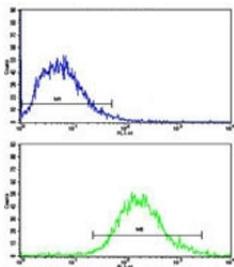
Fluorescent image of U251 cell stained with MERTK antibody at 1:25. MERTK immunoreactivity is localized to vesicles.



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



IHC analysis of FFPE human lymphoma stained with MERTK antibody



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.

Description

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

Application Notes

Titration of the MERTK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This MERTK antibody was produced from rabbits immunized with a his tag recombinant protein of human MERTK.

Storage

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

