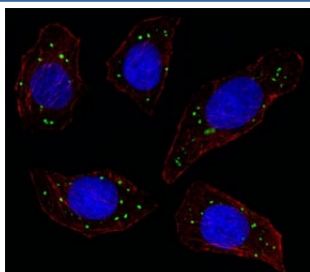


## MERTK Antibody (F50840)

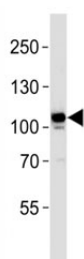
Catalog No.	Formulation	Size
F50840-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50840-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

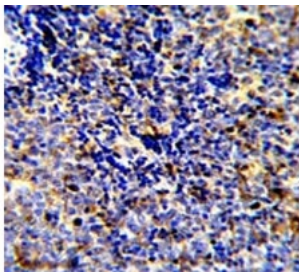
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q12866
<b>Applications</b>	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50 IHC (Paraffin) : 1:50-1:10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



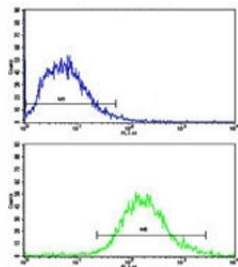
Fluorescent image of U251 cell stained with MERTK antibody at 1:25. MERTK immunoreactivity is localized to vesicles.



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 -20oC or colder. Avoid repeated freeze-thaw cycles.