

## Product datasheet for **TA324995S**

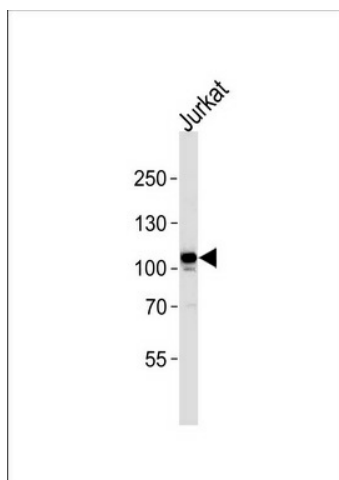
### MERTK Rabbit Polyclonal Antibody

#### Product data:

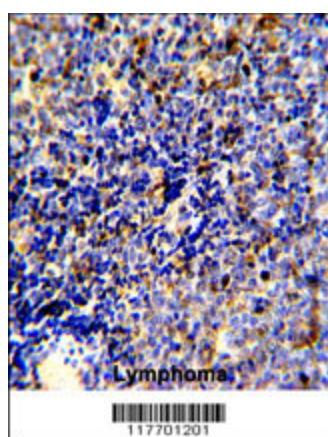
Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB: 1:1000, IF: 1:10~50, IHC: 1:50~10, FC: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This MERTK antibody is generated from rabbits immunized with a his tag recombinant protein of human MERTK.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	110249 Da
Gene Name:	MER proto-oncogene, tyrosine kinase
Database Link:	<a href="#">NP_006334</a> <a href="#">Entrez Gene 10461 Human</a> <a href="#">Q12866</a>
Synonyms:	c-mer; MER; RP38
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



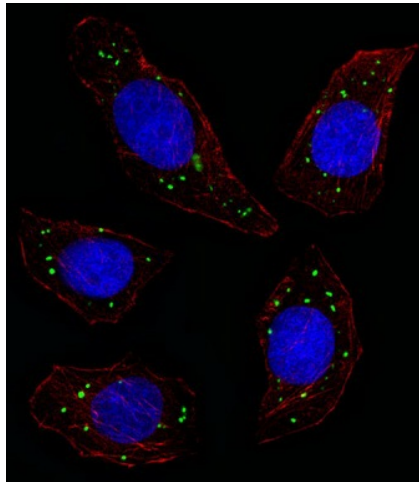
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**Product images:**

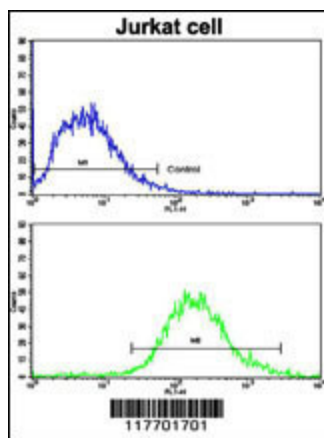
MER Antibody (Cat. #[TA324995]) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the MER antibody detected the MER protein (arrow).



Formalin-fixed and paraffin-embedded human lymphoma reacted with MERTK Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF image of U251 cell stained with MERTK Antibody (Cat#[TA324995]/SH090316F). U251 cells were incubated with MERTK primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (1:400). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml). Nuclei were counterstained with DAPI (blue). MERTK immunoreactivity is localized to Vesicles significantly.



Flow cytometric analysis of Jurkat cells using MERTK Antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.