For research purposes only, not for human use

Product Data Sheet

Anti-MERTK Antibody

Catalog #	Source	Reactivity	Applications
CQA8199	Rabbit	H	WB, IH, IP

Description	Rabbit monoclonal antibody to MERTK
Immunogen	A synthetic peptide of human MERTK
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MERTK protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100), IP (1/10 - 1/50)
Gene Symbol	MERTK
Alternative Names	MER; Tyrosine-protein kinase Mer; Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK
Entrez Gene	10461 (Human)
SwissProt	Q12866 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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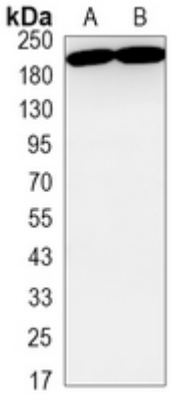
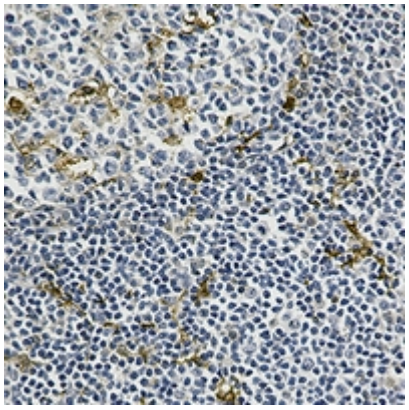


Western blot analysis of MERTK expression in MCF7 (A), 293T (B) whole cell lysates. (Predicted band size: 110 kD; Observed band size: 210 kD)



Immunohistochemical analysis of MERTK staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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