

Anti-MerTK (Tyr749/753/754) Antibody

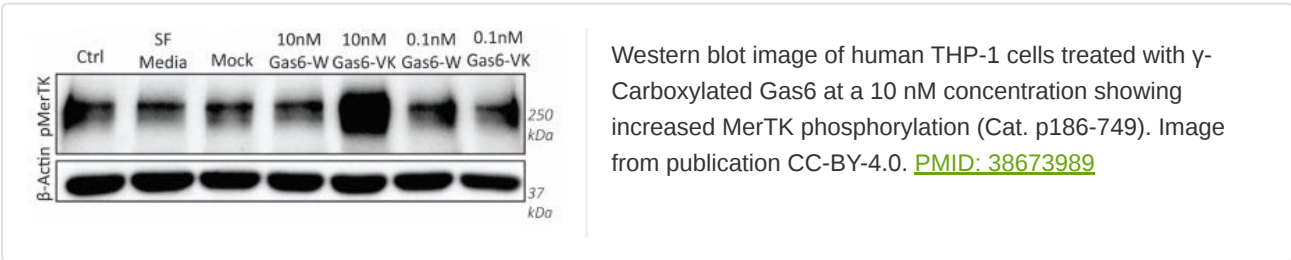
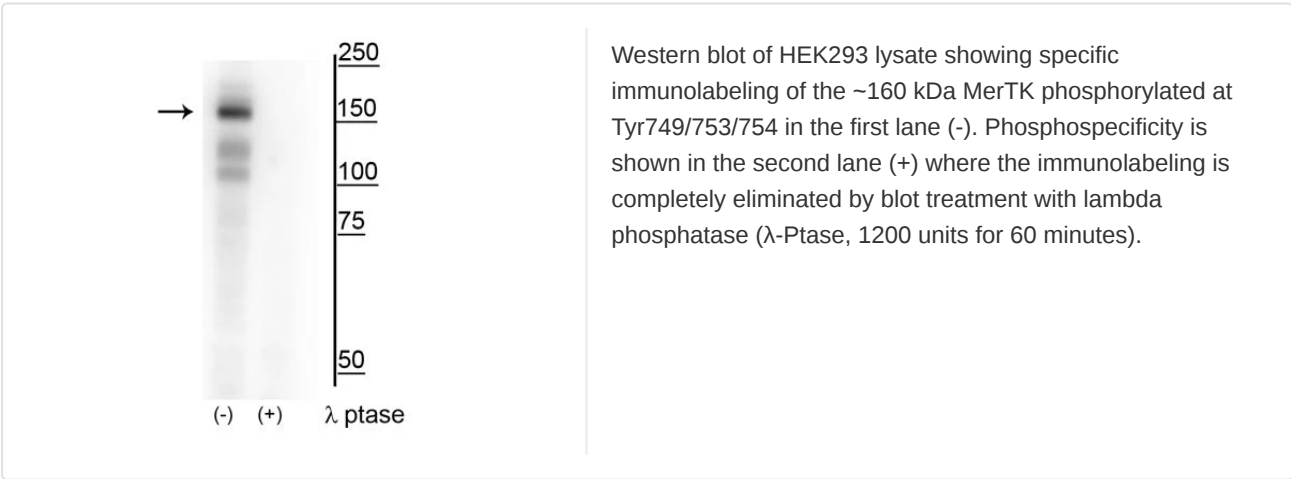


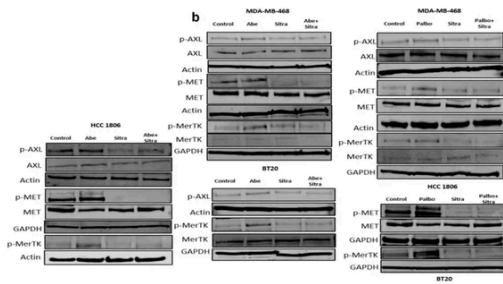
Product Details

Available Variants	100 µL (SKU:p186-749) 25 µL (SKU:p186-749t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	MERTK
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Tyr749/753/754 of human MerTK, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for the ~160 kDa MerTK protein phosphorylated at Tyr749/753/754. The immunolabeling is completely eliminated by treatment with λ-phosphatase. Due to post-translational modifications of the Mer protein, a significant shift in molecular weight is seen from the predicted molecular weight of 110 kDa. For optimal results immunoprecipitation is recommended due to the 91% homology of the related receptor tyrosine kinase, Axl, that runs at ~140 kDa.
Molecular Weight	160 kDa

Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2744537
UniProt ID	Q12866
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Canine, Chicken, Finch, Guinea Pig, Non-Human Primate
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr749,753,754
NCBI Gene ID	10461

Product Images





Immunoblot was performed on cell lines treated for 24 h with Abe (2 μm), Palbo (5 μm), and/or Sitra (2 μm). Protein levels were determined for phospho-AXL, phosho-MET, and phosho-MERTK (Cat. p186-749). Image from publication CC-BY-4.0. [PMID: 38927958](https://pubmed.ncbi.nlm.nih.gov/38927958/)

Product Page URL: www.antibodiesinc.com/products/anti-mertk-tyr749-753-754-antibody-p186-749



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