

Product datasheet for **AM06188SU-N**

MERTK Mouse Monoclonal Antibody [Clone ID: 7E5G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7E5G1
Applications:	WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of MER expressed in E. Coli.
Specificity:	Recognizes MER (c-mer proto-oncogene tyrosine kinase).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	MER proto-oncogene, tyrosine kinase
Database Link:	Entrez Gene 10461 Human Q12866



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Background:

MER (c-mer proto-oncogene tyrosine kinase) is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. MER has been identified as a tyrosine kinase potentially involved in the development of glioblastomas. It is expressed at highest levels in ovary, prostate, lung and kidney. Gas6, a growth arrest specific gene, and the related anticoagulation factor Protein S have been identified as ligands for the UFO family of receptors. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

Synonyms:

C-mer, MER, Receptor tyrosine kinase MerTK

Product images:

Western blot analysis using MER antibody Cat.-No AM06188SU-N against full-length MER recombinant protein.