

## Mouse Monoclonal Antibody to MER

<b>Catalogue Number</b>	sAP-0126
<b>Target Molecule</b>	<p><b>Name:</b> MER</p> <p><b>Aliases:</b> MER; RP38; c-mer; MGC133349; MERTK</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 10461</p>
<b>Description</b>	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).
<b>Immunogen</b>	Purified recombinant fragment of MER expressed in E. Coli.
<b>Reactive Species</b>	Human
<b>Clone</b>	MM7E5G1;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. McGough N. Cummings JH. Proc Nutr Soc.2005, Nov,64(4):434-50. Review. ; 2. Allouache D. Gawande SR. Tubiana-Hulin M. et al. BMC Cancer. 2005, Nov 29,5:151. ; 3. Seguinéau C. Soudant P. Moal J. et al. Lipids.2005, Sep,40(9): 931-9. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**