

# Mouse Monoclonal Antibody to MER

## Order Information

Catalog#	20153	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

## Description

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).

## Specification

Aliases	MER; RP38; c-mer; MGC133349; MERTK
Entrez GeneID	10461
Swissprot	Q12866
clone	7E5G1
Host/Isotype	Mouse IgG1
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Species Reactivity	Human
Immunogen	Purified recombinant fragment of MER expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

## Application

ELISA	1/10000
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## References

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. Segueineau C. Soudant P. Moal J. et al. Lipids.2005, Sep,40(9): 931-9.

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## Protocol

WB - [www.promab.com/protocol/wb.html](http://www.promab.com/protocol/wb.html)  
IHC - [www.promab.com/protocol/ihc.html](http://www.promab.com/protocol/ihc.html)  
ICC - [www.promab.com/protocol/icc.html](http://www.promab.com/protocol/icc.html)  
HCM - [www.promab.com/protocol/hcm.html](http://www.promab.com/protocol/hcm.html)  
**Antigen Sequence** is available upon request.

## Products and Services

- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

**For Research Only**

**Application Key:**WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

# #20153