

MER Monoclonal Antibody

C-mer proto-oncogene tyrosine kinase

CATALOG NO.: 32-192

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).

CLONALITY:

This is a monoclonal antibody. Clone 7E5G1.

ISOTYPE:

IgG

HOST:

MER monoclonal antibody was raised in mouse. Please use anti-mouse secondary antibodies.

IMMUNOGEN:

Ni-NTA purified full-length recombinant MER-His expressed in E. Coli strain BL21 (DE3).

PURIFICATION DETAILS:

Ascitic fluid containing 0.03% sodium azide.

TESTED APPLICATION:

WB,E

APPLICATION DETAILS:

Western Blot: 1: 500- 1: 2,000 ELISA: Propose dilution 1: 10,000.Determining optimal working dilutions by titration test.

STORAGE:

MER monoclonal antibody can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western blot analysis using MER monoclonal antibody against full-length MER recombinant protein.

USER NOTES:

Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. **This product is for research use only.**