PTK9 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PTK9, Monoclonal Antibody
Full Product Name	PTK9 (Twinfilin, Actin-Binding Protein, Homolog 1 (Drosophila), A6, MGC23788, MGC41876, PTK9) (MaxLight 490)
Product Gene Name	anti-PTK9 antibody
Product Synonym Names	Twinfilin; Actin-Binding Protein; Homolog 1 (Drosophila); A6; MGC23788; MGC41876; PTK9
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5C4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes PTK9.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	31.5 kDa (277aa) confirmed by MALDI-TOF
Immunogen	PTK9 (AAH22344, 80aa-252aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VAFPISREAFQALEKLNNRQLNYVQLEIDIKNEIIILANTTNTELKDLPKRIPKDSARYHFFLYKHSHEGDYLESIVFIYSMPGYTCSIRERMLYSSCKSRLLEIV
Conjugate	MaxLight490
Product Categories/Family for anti-PTK9 antibody	Antibodies; Tyrosine Kinases
Applications Tested/Suitable for anti-PTK9 antibody	Western Blot (WB)
Application Notes for anti-PTK9 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PTK9 antibody	This gene encodes twinfilin, an actin monomer-binding protein conserved from yeast to mammals. Studies of the mouse counterpart suggest that this p structures may be regulated by the small GTPase RAC1. [provided by RefSeq]
Other Notes	Small volumes of anti-PTK9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for PTK9 purchase	MBS6208146 is an antibody targeting PTK9. Also known as PTK9 (Twinfilin, Actin-Binding Protein, Homolog 1 (Drosophila), A6, MGC23788, MGC418

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PTK9. It may not necessarily be applicable to this product.

NCBI GI #	18490199
NCBI GeneID	5756
NCBI Accession #	AAH22344
UniProt Secondary Accession #	Q59G07; Q5U0B1; Q6FHJ1; Q6FHL6; Q6NUK9; Q86XL6; Q8TCD3; A8K5A8; B3KXS6; B4DLX9
UniProt Related Accession #	Q12792
NCBI Official Full Name	TWF1 protein
NCBI Official Synonym Full Names	twinfilin actin binding protein 1
NCBI Official Symbol	TWF1
NCBI Official Synonym Symbols	A6; PTK9
NCBI Protein Information	twinfilin-1
Research Articles on PTK9	**1.** TWF1 and VIM are required for miR-30c to regulate breast cancer cell invasion.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/ptk9/6208146