

WASF3 Monoclonal antibody

Catalog Number: 67620-1-Ig

Basic Information

Catalog Number: 67620-1-Ig	GenBank Accession Number: BC050283	Purification Method: Protein G purification
Size: 500 µg/ml	GeneID (NCBI): 10810	CloneNo.: 3B7D10
Source: Mouse	UNIPROT ID: Q9UPY6	Recommended Dilutions: IHC 1:500-1:2000 IF-P 1:200-1:800
Isotype: IgG1	Full Name: WAS protein family, member 3	
Immunogen Catalog Number: AG29991	Calculated MW: 55 kDa Observed MW: 50-55 and 66-70 kDa	

Applications

Tested Applications:

IF-P, IHC, ELISA

Species Specificity:

Human, Mouse, Rat, Pig, Rabbit

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

IHC : human liver cancer tissue,

IF-P : mouse brain tissue, human liver cancer tissue

Background Information

WASF3, also named WAVE3 or SCAR3, belongs to the SCAR/WAVE family. It plays a role in the regulation of cell morphology and cytoskeletal organization. WASF3 is associated with movement, invasion, and metastasis in different cancers such as breast cancer, gastric cancer, and prostate cancer. It has been shown that WASF3 levels are elevated in advanced-stage cancers compared to lower-grade tumors and normal tissue. The 67620-1-Ig antibody recognizes 50-55 kDa and 66-70 kDa proteins similar to the papers.(PMID: 21544801, 15826941, 31038356, 27432794, 31542393)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

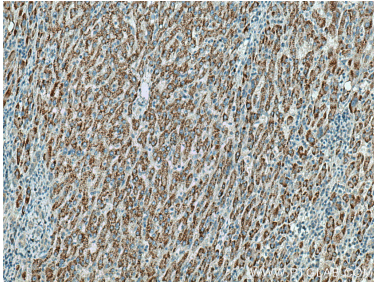
T: 4006900926

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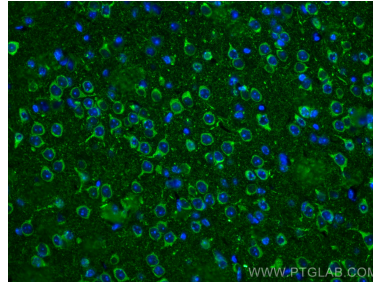
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67620-1-Ig (WASF3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using WASF3 antibody (67620-1-Ig, Clone: 3B7D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).