

For Research Use Only

Dextrin Monoclonal antibody

Catalog Number: 67657-1-Ig **1 Publications**



Basic Information

| | | |
|---|--|---|
| Catalog Number: 67657-1-Ig | GenBank Accession Number: BC009477 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1000 ug/ml by Nanodrop and 525 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 11034 | CloneNo.: 1A12D9 |
| Source: Mouse | UNIPROT ID: P60981 | Recommended Dilutions: WB 1:3000-1:20000 |
| Isotype: IgG1 | Full Name: dextrin (actin depolymerizing factor) | |
| Immunogen Catalog Number: AG1402 | Calculated MW: 19 kDa | |
| | Observed MW: 18-19 kDa | |

Applications

| | |
|---|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : A549 cells, HeLa cells, human platelet, pig rectum, rat rectum, pig brain, rat brain, mouse brain |
| Cited Applications: WB | |
| Species Specificity: Human, mouse, rat, pig | |
| Cited Species: human | |

Background Information

Dextrin (also known as actin depolymerization factor, ADF) is an actin-binding protein contributing to cytoskeletal dynamics by promoting rapid actin filament disassembly. By regulating actin cytoskeletal reorganization it plays an important role in the formation of filopodia, which further promotes tumor cell invasion and metastasis. Dextrin has been reported to be overexpressed in primary colon cancer.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|---------------|-------------|
| Xiaoguang Liu | 36747082 | Nat Cell Biol | WB |

Storage

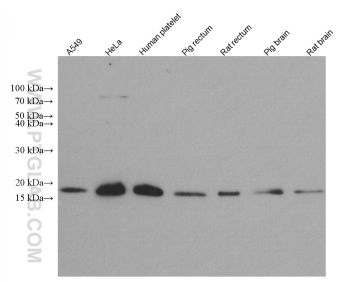
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67657-1-Ig (Dextrin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.