

For Research Use Only

RIAM Monoclonal antibody

Catalog Number: 67143-1-Ig



Basic Information

Catalog Number: 67143-1-Ig	GenBank Accession Number: BC035636	Purification Method: Protein A purification
Size: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54518	CloneNo.: 2F8A2
Source: Mouse	Full Name: amyloid beta (A4) precursor protein- binding, family B, member 1 interacting protein	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:200-1:800
Isotype: IgG2a	Calculated MW: 666 aa, 73 kDa	
Immunogen Catalog Number: AG4602	Observed MW: 100 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

Human, Mouse

**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:

WB: THP-1 cells, HL-60 cells, Raji cells, mouse brain
tissue, Jurkat cells, Ramos cells, Dauli cells

IHC: human tonsillitis tissue,

IF: human tonsillitis tissue,

Background Information

APBB1IP gene encodes a Rap1-GTP-interacting adapter molecule (RIAM) which is an important protein in Rap1-mediated integrin activation and adhesion. Rap1 is a small GTPase frequently activated in tumors such as melanoma and prostate cancer. RIAM is widely expressed with high expression in thymus, spleen, lymph node, bone marrow and peripheral leukocytes. RIAM may function in the signal transduction from Ras activation to actin cytoskeletal remodeling. The observed molecular weight of RIAM is about 100 kDa.

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**

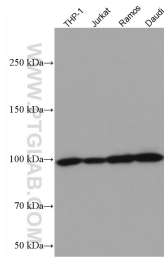
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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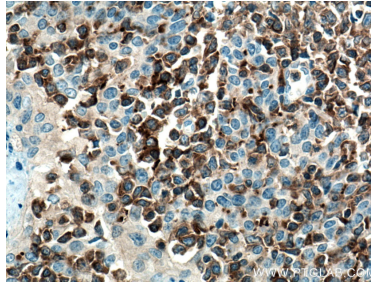
E: proteintech@ptglab.com
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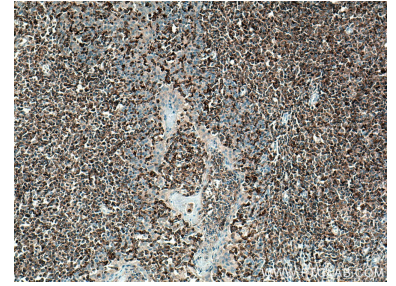
Selected Validation Data



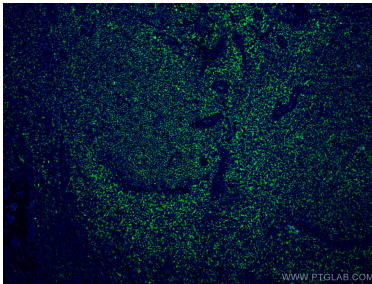
Various lysates were subjected to SDS PAGE followed by western blot with 67143-1-Ig (RIAM,APBB1P antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67143-1-Ig (RIAM,APBB1P antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67143-1-Ig (RIAM,APBB1P antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using RIAM,APBB1P antibody (67143-1-Ig, Clone: 2F8A2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).