

For Research Use Only

IGSF2 Monoclonal antibody

Catalog Number: 66333-1-Ig



Basic Information

Catalog Number: 66333-1-Ig	GenBank Accession Number: BC136484	Purification Method: Protein G purification
Size: 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9398	CloneNo.: 1E6A7
Source: Mouse	Full Name: immunoglobulin superfamily, member 2	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG1	Observed MW: 120 kDa	
Immunogen Catalog Number: AG23297		

Applications

Tested Applications: FC, IHC, WB, ELISA	Positive Controls: WB : RAW 264.7 cells, IHC : human lung cancer tissue,
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	

Background Information

IGSF2, also known as CD101, is a low abundance protein. Expression of CD101 is found on monocytes, granulocytes and dendritic cells. In addition expression on T lymphocytes is important for cell activation. It plays a role as inhibitor of T-cells proliferation induced by CD3 and inhibits expression of IL2RA on activated T-cells and secretion of IL2.

Storage

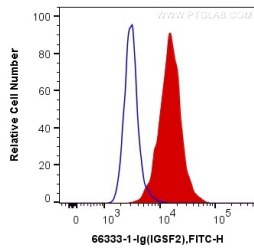
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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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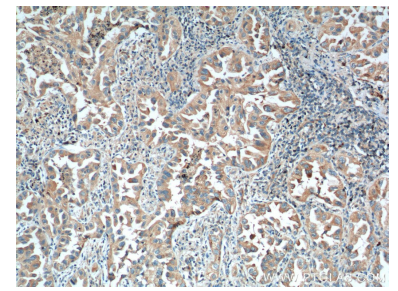
Selected Validation Data



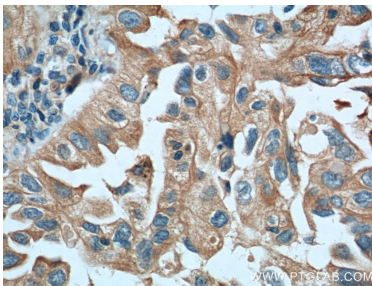
1X10⁶ RAW 264.7 cells were intracellularly stained with 0.2 ug Anti-Human IGSF2 (66333-1-Ig, Clone:1E6A7) and CoralLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 66333-1-Ig (IGSF2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66333-1-Ig (IGSF2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66333-1-Ig (IGSF2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).