

À des fins de recherche uniquement

Anticorps Monoclonal anti-ST2

Numéro de catalogue: 60112-1-Ig **10 Publications**



Informations de base

Numéro de catalogue: 60112-1-Ig	Numéro d'acquisition GenBank: BC030975	Méthode de purification: Précipitation de l'acide caprylique/du sulfate d'ammonium
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 9173	CloneNo.: 7A2A7
Hôte: Mouse	Nom complet: interleukin 1 receptor-like 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:100-1:400
Isotype: IgG1	MW calculé: 63 kDa, 37 kDa, 30 kDa	
Immunogen Catalog Number: AG2555	MW observés: 63 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, porc, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HEK-293, cellules HSC-T6, cellules PC-12, cellules ROS1728, cellules SGC-7901, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain foetal, tissu de cervelet de rat

IHC : tissu cardiaque humain,

Informations générales

ST2, also known as IL1RL1, is a member of the IL-1 superfamily and serves as the receptor for IL-33. It plays a major role in immune and inflammatory responses. ST2 is expressed by various types of immune cells including Th2 cells, mast cells, type 2 innate lymphoid cells, eosinophils, basophils, NK cells, and non-immune cells, including cardiomyocytes. Two forms of ST2 exist: a membrane-bound form and a soluble form (sST2). The membrane-bound form activates the MyD88/NF-κB signaling pathway to enhance mast cell, Th2, regulatory T cell (Treg), and innate lymphoid cell type 2 functions. sST2 acts as a decoy receptor. (PMID: 27055914; 23999434; 28484466)

Publications notables

Autrice	Pubmed ID	Journal	Application
Shuhei Kobayashi	33024217	Sci Rep	IF
Zuojia Chen	33220232	Immunity	IF
Elena Vianello	31316160	Sci Rep	WB,IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

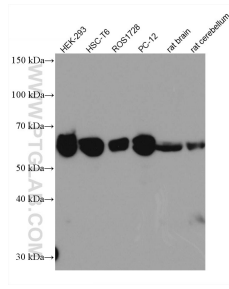
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

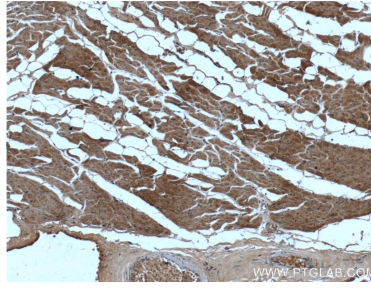
E: proteintech@ptglab.com
W: ptglab.com

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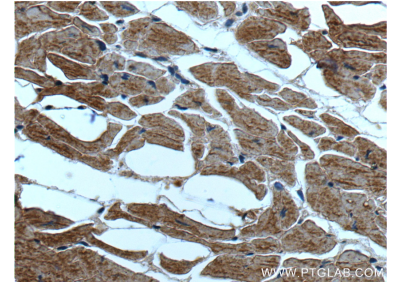
Données de validation sélectionnées



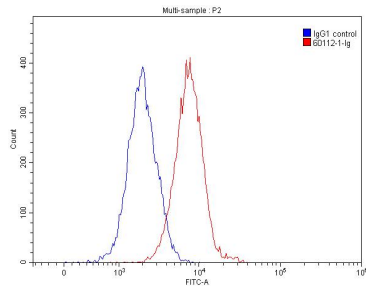
Various lysates were subjected to SDS PAGE followed by western blot with 60112-1-Ig (ST2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60112-1-Ig (ST2 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60112-1-Ig (ST2 antibody at dilution of 1:200 (under 40x lens).



1X10⁶ HEK-293 cells were stained with 0.20ug ST2 antibody (60112-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.