

À des fins de recherche uniquement

Anticorps Monoclonal anti-RCAS1

Numéro de catalogue: 66170-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66170-1-Ig	Numéro d'acquisition GenBank: BC017729	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1192 µg/ml by Nanodrop and 673 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 9166	CloneNo.: 4H8A12
Hôte: Mouse	Nom complet: estrogen receptor binding site associated, antigen, 9	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:200-1:800
Isotype: IgG1	MW calculé: 213 aa, 24 kDa	
Immunogen Catalog Number: AG2905	MW observés: 34 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
souris

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

Contrôles positifs:

WB : cellules HEK-293,

IHC : tissu de cancer du sein humain, tissu de cancer du poumon humain

IF : cellules MCF-7, tissu de cancer du sein humain

Informations générales

Estrogen receptor-binding fragment-associated antigen 9 (EBAG9) gene was identified as an estrogen-responsive gene. The gene product, receptor-binding cancer antigen expressed on SiSo cells (RCAS1), is associated with aggressive characteristics and poor overall survival for 15 different human malignancies. The correlation between RCAS1 expression and several clinicopathological variables, including tumor size, clinical stage, invasion depth and lymph node metastasis highlights this molecule's clinical significance. Expression of RCAS1 in tumor cells plays an important role in evasion from host immune system resulting tumor progression, invasion and metastasis. Further exploration of RCAS1 biological function will facilitate development of novel therapeutic strategies that target RCAS1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Takuya Nishinakagawa	36734265	Mol Med Rep	WB,IF

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % 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.

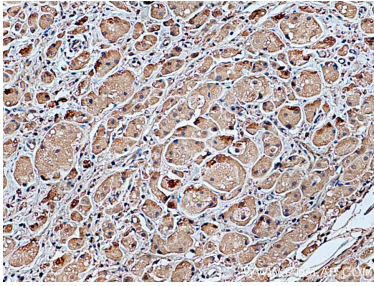
For technical support and original validation data for this product please contact:

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

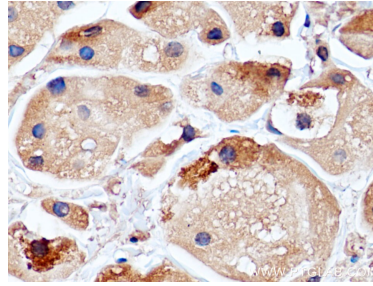
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

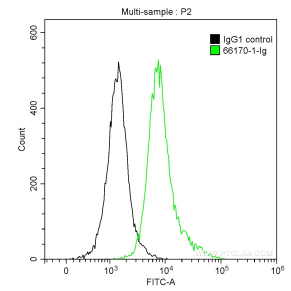
Données de validation sélectionnées



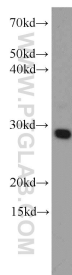
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66170-1-Ig (RCAS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



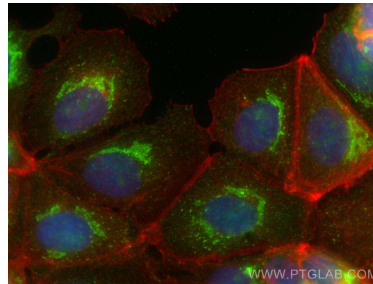
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66170-1-Ig (RCAS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were intracellularly stained with 0.2 ug Anti-Human RCAS1 (66170-1-Ig, Clone:4H8A12) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 90% MeOH.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66170-1-Ig (RCAS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using RCAS1 antibody (66170-1-Ig, Clone: 4H8A12) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).