

RCAS1 Monoclonal antibody

Catalog Number: **66170-1-Ig** **1 Publications**

Basic Information

Catalog Number: 66170-1-Ig	GenBank Accession Number: BC017729	Purification Method: Protein G purification
Size: 150ul , Concentration: 1192 µg/ml by Nanodrop and 673 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9166	CloneNo.: 4H8A12
Source: Mouse	UNIPROT ID: O00559	
Isotype: IgG1	Full Name: estrogen receptor binding site associated, antigen, 9	
Immunogen Catalog Number: AG2905	Calculated MW: 213 aa, 24 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IF

Species Specificity:
human, mouse, rat

Cited Species:
mouse

Background Information

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.

Notable Publications

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

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:
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