

Nur für Forschungszwecke

RCAS1 Monoklonaler Antikörper

Katalog-Nr.: 66170-1-Ig **1 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66170-1-Ig	GenBank-Zugangsnummer: BC017729	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1192 µg/ml von 9166 Nanodrop und 673 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: estrogen receptor binding site associated, antigen, 9	CloneNo.: 4H8A12
Wirt: Maus	Berechnete Masse: 213 aa, 24 kDa	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:200-1:800
Isotyp: IgG1	Beobachtete Masse: 34 kDa	
Immunogen Katalognummer: AG2905		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen,
In Publikationen genannte Anwendungen: IF, WB	IHC : humanes Mammakarzinomgewebe, humanes Lungenkarzinomgewebe
Getestete Reaktivität: Human, Maus, Ratte	IF : humanes Mammakarzinomgewebe,
Zitierte Arten: Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Takuya Nishinakagawa	36734265	Mol Med Rep	WB,IF

Lagerung

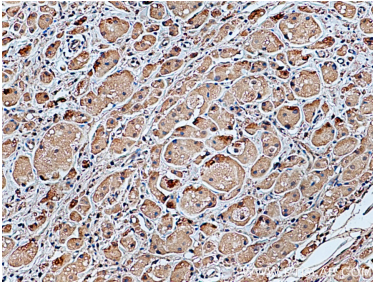
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

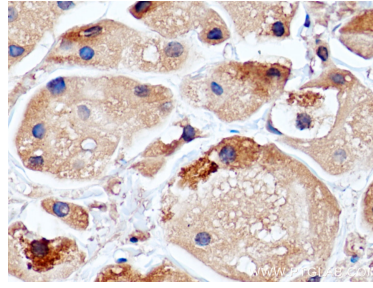
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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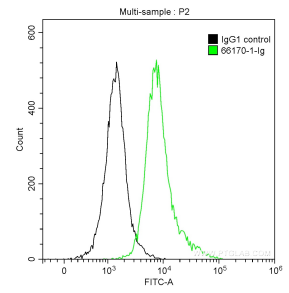
Ausgewählte Validierungsdaten



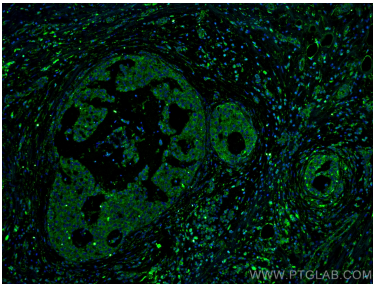
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66170-1-Ig (RCAS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



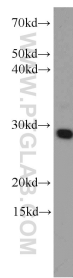
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66170-1-Ig (RCAS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 Jurkat cells were intracellularly stained with 0.2 μ g 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 μ g Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 90% MeOH.



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using RCAS1 antibody (66170-1-Ig, Clone: 4H8A12) at dilution of 1:400 and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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.