

À des fins de recherche uniquement

Anticorps Monoclonal anti-CA9

Numéro de catalogue: 66243-1-Ig **4 Publications**



Informations de base

Numéro de catalogue: 66243-1-Ig	Numéro d'acquisition GenBank: BC014950	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2900 µg/ml by Nanodrop and 1360 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 768	CloneNo.: 1G4G5
Hôte: Mouse	Nom complet: carbonic anhydrase IX	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:20-1:200
Isotype: IgG2a	MW calculé: 459 aa, 50 kDa	
Immunogen Catalog Number: AG1540	MW observés: 50 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, Lapin, porc, souris

Espèces citées:

Humain

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 MG U-87, tissu cérébral de porc, tissu d'estomac de porc

IHC : tissu de carcinome à cellules rénales humain,

Informations générales

CA9(Carbonic anhydrase 9) may be involved in the control of cell proliferation and transformation and appears to be a novel specific biomarker for a cervical neoplasia(PMID:18703501).It is a tumor-associated antigen that has been shown to have diagnostic utility in identifying cervical dysplasia and carcinoma.The protein is present both on the plasma membrane and in the nucleus of cells and has the molecular weight of 54KDa and 58 Kda bands in A549.

Publications notables

Autrice	Pubmed ID	Journal	Application
Shaoquan Zheng	32521117	Mol Oncol	IF
Qiangqiang Liu	35913115	Elife	IF
Peng Chen	37346810	Int J Gen Med	IHC

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azotate 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.

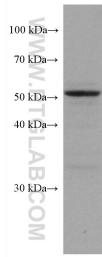
For technical support and original validation data for this product please contact:

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

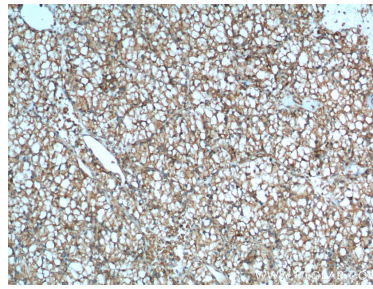
E: proteintech@ptglab.com
W: ptglab.com

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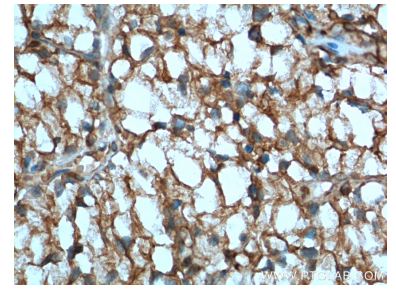
Données de validation sélectionnées



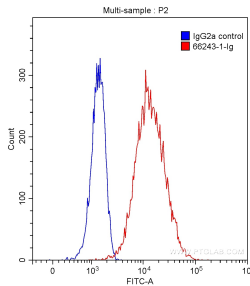
U-87 MG cells were subjected to SDS PAGE followed by western blot with 66243-1-Ig (CA9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 66243-1-Ig (CA9 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 66243-1-Ig (CA9 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HEK-293 cells were stained with 0.20 ug/test Anti-Human CA9 (66243-1-Ig, Clone:1G4G5) (red) or 0.20 ug control antibody (blue) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.