

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AGR2

Numéro de catalogue: 66768-1-Ig **2 Publications**



## Informations de base

Numéro de catalogue: 66768-1-Ig	Numéro d'acquisition GenBank: BC015503	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 933 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10551	CloneNo.: 1A8A8
Hôte: Mouse	Nom complet: anterior gradient homolog 2 (Xenopus laevis)	Dilutions recommandées: IHC 1:150-1:600 IF 1:400-1:1600
Isotype: IgG2b	MW calculé: 175 aa, 20 kDa	
Immunogen Catalog Number: AG2919	MW observés: 17 kDa	

## Applications

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

Demandes citées:  
WB

Spécificité de l'espèce:  
Humain, porc

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 : tissu d'estomac de porc, cellules HT-29, cellules T-47D

IHC : tissu de cancer du sein humain,

IF : cellules HT-29, tissu de cancer du côlon humain

## Informations générales

AGR2, also named AG2 or HPC8, encodes anterior gradient protein 2 homolog which belongs to the AGR family. It is a secreted protein localized in endoplasmic reticulum. AGR2 plays roles in MUC2 post-transcriptional synthesis, secretion and production of mucus by intestinal cells. AGR2 was significantly elevated in the pancreatic juice from patients with pre-malignant conditions as well as pancreatic cancer compared to control pancreatic juice samples. AGR2 levels in pancreatic juice could potentially be used to aide in assessment of high-risk patients undergoing endoscopic procedures.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Haihua Zhang	35600368	Front Oncol	WB
Bingqiu Xiu	31856843	Mol Cancer	WB

## 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)

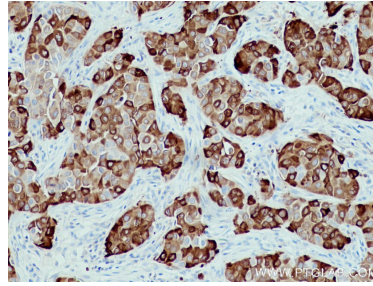
E: proteintech@ptglab.com  
W: ptglab.com

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

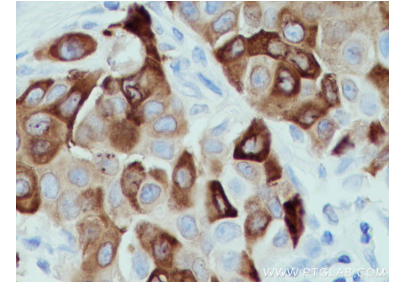
## Données de validation sélectionnées



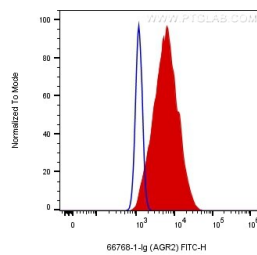
pig stomach tissue were subjected to SDS PAGE followed by western blot with 66768-1-Ig (AGR2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



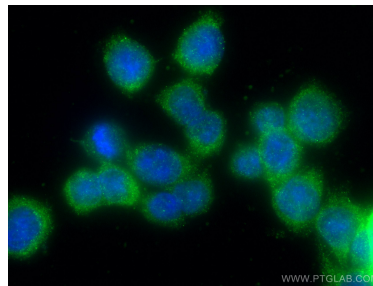
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66768-1-Ig (AGR2 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66768-1-Ig (AGR2 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> HT-29 cells were intracellularly stained with 0.2 ug Anti-Human AGR2 (66768-1-Ig, Clone:1A8A8) and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), and 0.2 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.



Immunofluorescent analysis of (-20°C Ethanol) fixed HT-29 cells using AGR2 antibody (66768-1-Ig, Clone: 1A8A8 ) at dilution of 1:800 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).