

For Research Use Only

CoraLite®594-conjugated AGR2 Monoclonal antibody



Catalog Number:CL594-66768

Basic Information

Catalog Number: CL594-66768	GenBank Accession Number: BC015503	CloneNo.: 1A8A8
Size: 1000 µg/ml	GeneID (NCBI): 10551	Recommended Dilutions: IF 1:50-1:500
Source: Mouse	Full Name: anterior gradient homolog 2 (Xenopus laevis)	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Isotype: IgG2b	Calculated MW: 175 aa, 20 kDa	
Purification Method: Protein A purification	Observed MW: 17 kDa	
Immunogen Catalog Number: AG2919		

Applications

Tested Applications: IF	Positive Controls: IF : HT-29 cells;
Species Specificity: Human, Pig	

Background Information

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.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

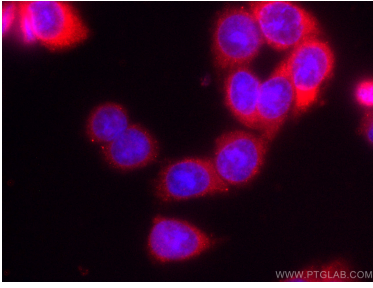
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HT-29 cells using CoraLite®@594 AGR2 antibody (CL594-66768, Clone: 1A8A8) at dilution of 1:200.