

For Research Use Only

# CoraLite®594-conjugated AGR2 Monoclonal antibody

Catalog Number:CL594-66768



## Basic Information

Catalog Number:

CL594-66768

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG2919

GenBank Accession Number:

BC015503

GeneID (NCBI):

10551

UNIPROT ID:

O95994

Full Name:

anterior gradient homolog 2 (Xenopus  
laevis)

Calculated MW:

175 aa, 20 kDa

Observed MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

1A8A8

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Pig

Positive Controls:

IF/ICC : HT-29 cells,

## 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

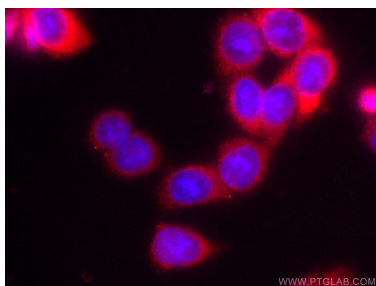
For technical support and original validation data for this product please contact:

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## 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.