

Product Name: AGR2 Mouse Monoclonal Antibody**Catalog #: AMM81734**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	20kDa

Antigen Information

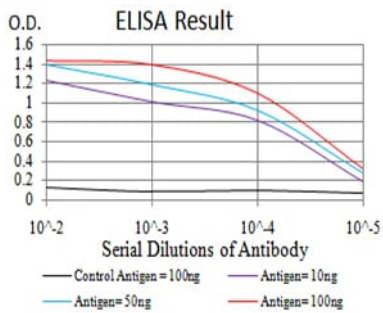
Gene Name	AGR2
Alternative Names	AG2; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116
Gene ID	10551.0
SwissProt ID	O95994
Immunogen	Purified recombinant fragment of human AGR2 (AA: 21-175) expressed in E. Coli.

Background

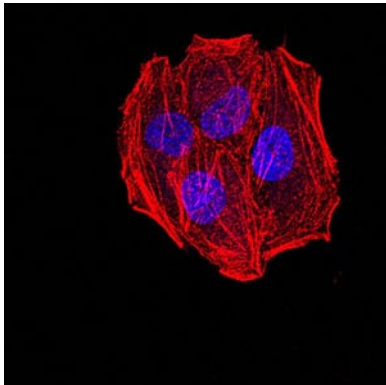
AGR2 (Anterior Gradient 2, Protein Disulphide Isomerase Family Member) is a Protein Coding gene. Diseases associated with AGR2 include pancreatic ductal adenocarcinoma. Among its related pathways are Tyrosine Kinases / Adaptors and Adhesion. GO annotations related to this gene include dystroglycan binding. An important paralog of this gene is TXNDC12.

Research Area

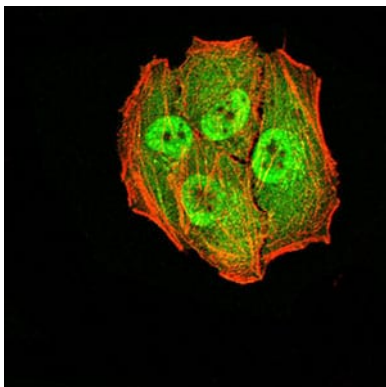
Image Data



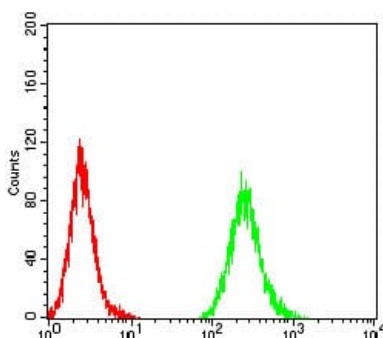
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using AGR2 mouse mAb . Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of HeLa cells using AGR2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of MCF-7 cells using AGR2 mouse mAb (green) and negative control (red).

