

AGR2 Antibody (aa50-100, clone IMG10E2)
Mouse Monoclonal Antibody
Catalog # ALS15546**Specification**

AGR2 Antibody (aa50-100, clone IMG10E2) - Product Information

Application	WB, IHC-P
Primary Accession	O95994
Reactivity	Human, Mouse, Horse, Bovine, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	20kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

AGR2 Antibody (aa50-100, clone IMG10E2) - Additional Information**Gene ID** 10551**Other Names**

Anterior gradient protein 2 homolog, AG-2, hAG-2, HPC8, Secreted cement gland protein XAG-2 homolog, AGR2, AG2

Target/Specificity

Human AGR2

Reconstitution & Storage

Store at 4°C for short term applications. For long term storage, aliquot and store at -20°C.

Precautions

AGR2 Antibody (aa50-100, clone IMG10E2) is for research use only and not for use in diagnostic or therapeutic procedures.

AGR2 Antibody (aa50-100, clone IMG10E2) - Protein Information**Name** AGR2**Synonyms** AG2**Function**

Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells (By similarity). Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth. Promotes cell adhesion (PubMed:23274113).

Cellular Location

Secreted. Endoplasmic reticulum {ECO:0000250|UniProtKB:O88312}

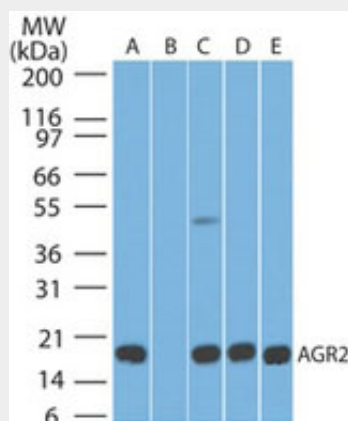
Tissue Location

Expressed strongly in trachea, lung, stomach, colon, prostate and small intestine. Expressed weakly in pituitary gland, salivary gland, mammary gland, bladder, appendix, ovary, fetal lung, uterus, pancreas, kidney, fetal kidney, testis, placenta, thyroid gland and in estrogen receptor (ER)-positive breast cancer cell lines

AGR2 Antibody (aa50-100, clone IMG10E2) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

AGR2 Antibody (aa50-100, clone IMG10E2) - Images

Western blot of AGR2 in A) human stomach tissue lysate in the absence of immunizing peptide, B)...

AGR2 Antibody (aa50-100, clone IMG10E2) - Background

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AGR2 Antibody (aa50-100, clone IMG10E2) - References

Thompson D.A., et al. Biochem. Biophys. Res. Commun. 251:111-116(1998).
Zhang J.S., et al. Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.
Fan Y.X., et al. Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.