Mouse AGR2 Monoclonal Antibody | anti-AGR2 antibody

Mouse Monoclonal [clone IMG10E2] (IgG1,k) to Human AGR2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51895	**Mouse**	**Bovine, Dog, Horse, Human, Mouse, Orangutan**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

AGR2; Monoclonal Antibody; Mouse Monoclonal [clone IMG10E2] (IgG1; k) to Human AGR2; Anti-AGR2 Antibody (aa50-100; clone IMG10E2) IHC-plus; AG2; AG-2; HPC8; HAG-2; Secreted cement gland homolog; Anterior gradient homolog 2; GOB-4; PDIA17; XAG-2; Human AGR2; anti-AGR2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine, Dog, Horse, Human, Mouse, Orangutan
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	IMG10E2
Specificity	Human AGR2
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	175
Applicable Applications for anti-AGR2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A portion of amino acids 50-100 of human AGR2 was used as the immunogen.
Immunogen Type	Synthetic peptide
Immunogen	AGR2 antibody was raised against a portion of amino acids 50-100 of human AGR2 was used as the immunogen.
Antigen Modification	aa50-100
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

IMAGES

WB (Western Blot)
Western blot of AGR2 in A) human stomach tissue lysate in the absence of immunizing peptide, B) human stomach tissue lysate in the presence of immunizing peptide, C) mouse stomach tissue lysate, D) rat stomach tissue lysate, and E) HCT-116 cell lysate using at 5 ug/ml. Goat anti-mouse Ig HRP secondary antibody, and PicoTect ECL substrate solution, were used for this test.

IHC (Immunohistochemistry)
Anti-AGR2 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453541
NCBI GeneID	10551
NCBI Accession #	NP_006399.1
NCBI GenBank Nucleotide #	NM_006408.3
UniProt Accession #	O95994
Molecular Weight	19,979 Da
NCBI Official Full Name	anterior gradient protein 2 homolog
NCBI Official Synonym Full Names	anterior gradient 2
NCBI Official Symbol	AGR2
NCBI Official Synonym Symbols	AG2; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116
NCBI Protein Information	anterior gradient protein 2 homolog; AG-2; HPC8; anterior gradient homolog 2; secreted cement gland homolog; epididymis secretory protein Li 116; secreted cement gland protein XAG-2 homolog; protein disulfide isomerase family A, member 17
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	**AGR2**
UniProt Synonym Gene Names	AG2; AG-2; hAG-2
UniProt Entry Name	AGR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/agr2-antibody-clone-img10e2-western-blot-immunohistochemistry-elisa/51895