

Mouse anti-Human Anterior Gradient Protein 2 (AGR2) Monoclonal Antibody | anti-AGR2 antibody

Monoclonal Antibody to Anterior Gradient Protein 2 (AGR2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134840	Mouse	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

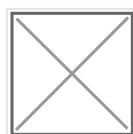
PRODUCT SYNONYMS

Anterior Gradient Protein 2 (AGR2); Monoclonal Antibody; Monoclonal Antibody to Anterior Gradient Protein 2 (AGR2); anti-AGR2 antibody

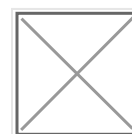
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	23#
Specificity	The antibody is a mouse monoclonal antibody raised against AGR2. It has been selected for its ability to recognize AGR2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence is listed below. MHHH HHHSSGLVPR GSGMKETAAA KFERQHMDSP DLGTDGDDKA MADIGSEF-R DTTVKPGAKK DTKDSRPKLP QTLSRGWGDQ LIWTQTYEEA LYKSKTSNKP LMIIHLDEC PHSQALKKVF AENKEIQKLA EQFVLLNLVY ETTDKHLSPD GQYVPRIMFV DPSLTVRADI TGRYSNRLYA YEPADTALLL DNMKKALKLL KTEL
Sequence Length	175
Applicable Applications for anti-AGR2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant AGR2 (Arg21~Leu175) expressed in E.coli.
Cross Reactivity	Human, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



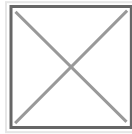
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue

**IHC (Immunohistochemisry)**

DAB staining on IHC-P; Samples: Human Breast Cancer Tissue.

**WB (Western Blot)**

Western Blot: Sample: Recombinant AGR2, Human.

**WB (Western Blot)**

Western Blot: Sample: Human MCF7 Cells.

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, protein disulphide isomerase family member
NCBI Official Symbol	AGR2
NCBI Official Synonym Symbols	AG2; AG-2; HPC8; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116
NCBI Protein Information	anterior gradient protein 2 homolog
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	AGR2
UniProt Synonym Gene Names	AG2; AG-2; hAG-2

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/anterior-gradient-protein-2-agr2-antibody-clone-23-western-blot-immunohistochemistry-immunocytochemistry-elisa/134840>