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10-8006: Monoclonal Antibody to AGR2 (Clone: ABM22E6)

Clonality :	Monoclonal
Clone Name :	ABM22E6
Application :	IHC,WB
Reactivity :	Human
Gene :	AGR2
Gene ID :	10551
Uniprot ID :	O95994
Format :	Purified
Alternative Name :	AGR2,AG2,UNQ515/PRO1030
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	A partial length recombinant AGR2 protein (amino acids 40-110)was used as the immunogen for this antibody.

Description

AGR2 (Anterior gradient protein 2 homolog) is a protein disulfide isomerase. It is required for MUC2 post-transcriptional synthesis and secretion. AGR2 plays a role in the production of mucus by intestinal cells. AGR2 proto-oncogene may play a role in cell migration, cell differentiation and cell growth. AGR2 is expressed strongly in tissues that secrete mucus or function as endocrine organs, including the stomach, colon, lungs, prostate and small intestine.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 6-8 µg/ml, Immunohistochemical analysis: 5 µg/ml

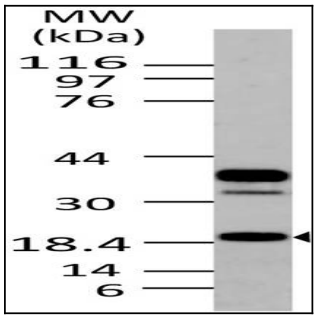

Fig-1: Western blot analysis of AGR2. Anti- AGR2 antibody (Clone: ABM22E6) was used at 6 µg/ml on MCF-7 lysate.

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Fig-2 : Immunohistochemical analysis of AGR2 in human Breast cancer tissue using AGR2 antibody (Clone: ABM22E6) at 10 µg/ml.

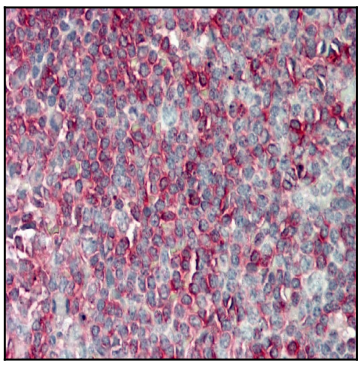

Fig-3 :Immunohistochemical analysis of AGR2 in human Tonsil tissue using AGR2 antibody (Clone: ABM22E6) at 10 µg/ml.

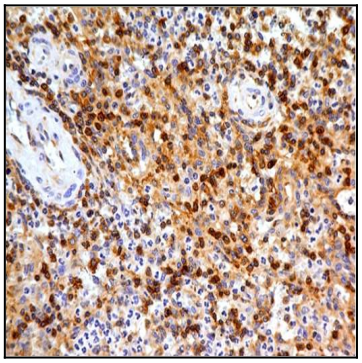

Fig-4: Immunohistochemical analysis of AGR2 in human Spleen tissue using AGR2 antibody (Clone: ABM22E6) at 5 µg/ml.