

Anti-AGR2 Reference Antibody (Shanghai Jiao Tong U. patent anti-AGR2)

Catalog # APR11420

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O95994
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	19979

Additional Information

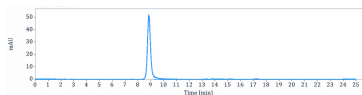
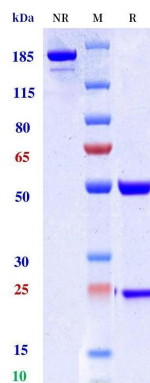
Target/Specificity	AGR2
Expression system	CHO

Protein Information

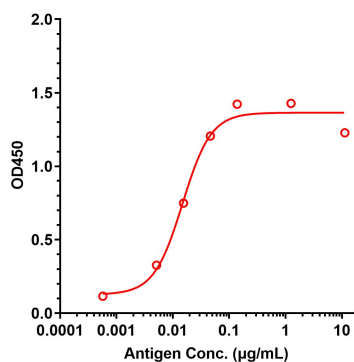
Name	AGR2
Synonyms	AG2
Function	Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells (By similarity). Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth. Promotes cell adhesion (PubMed: 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

Images

Anti-AGR2 Reference Antibody (Shanghai Jiao Tong U. patent anti-AGR2) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-AGR2 Reference Antibody (Shanghai Jiao Tong U. patent anti-AGR2) is 99%, determined by SEC-HPLC.



Immobilized hu-AGR2-his at 2 μg/mL can bind Shanghai Jiao Tong U. patent anti-AGR2, EC₅₀= 0.01594 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.