

Product datasheet for **TA809780M**

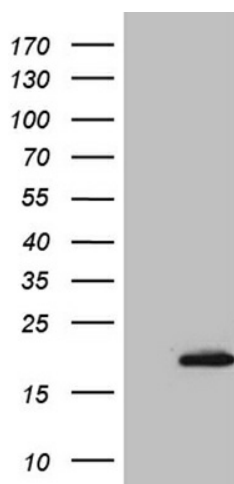
AGR2 Mouse Monoclonal Antibody [Clone ID: OTI5F1]

Product data:

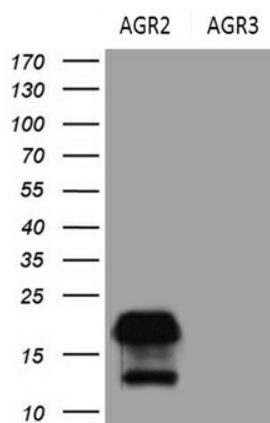
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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5F1 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 21-175 of human AGR2(NP_006399) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 19.8 kDa |
| Gene Name: | anterior gradient 2, protein disulphide isomerase family member |
| Database Link: | NP_006399 Entrez Gene 23795 Mouse Entrez Gene 298961 Rat Entrez Gene 10551 Human O95994 |
| Synonyms: | AG2; GOB-4; HAG-2; HEL-S-116; PDIA17; XAG-2 |
| Protein Families: | Secreted Protein |

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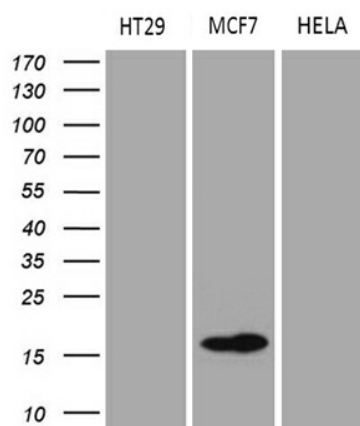
Product images:



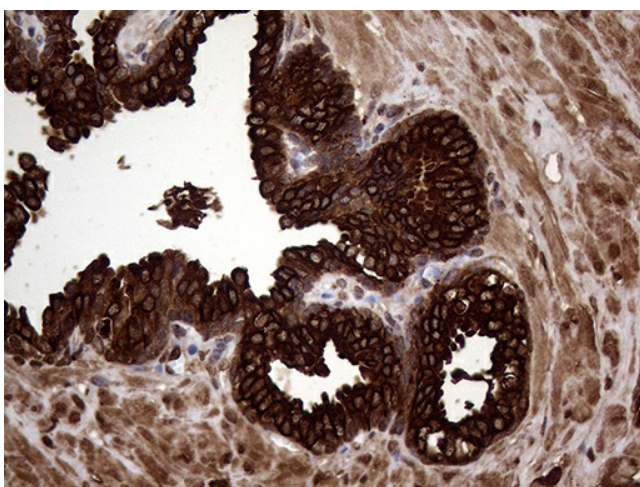
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AGR2 ([RC202023], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AGR2 (1:2000). Positive lysates [LY416668] (100ug) and [LC416668] (20ug) can be purchased separately from OriGene.



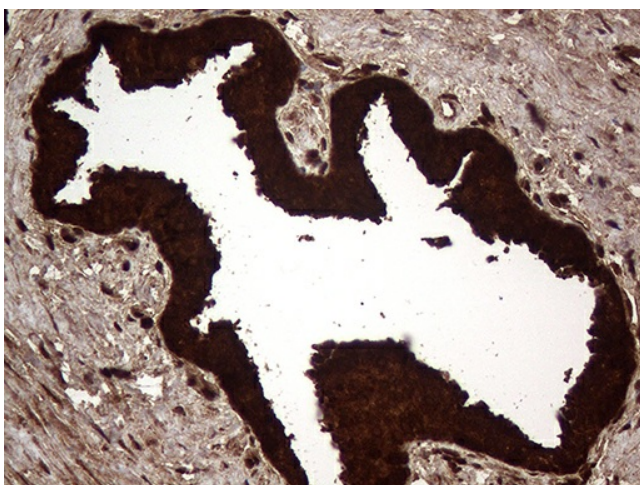
HEK293T cells were transfected with the pCMV6-ENTRY AGR2 ([RC202023], Left lane) or pCMV6-ENTRY AGR3 ([RC208897], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AGR2 (1:2000).



Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-AGR2 monoclonal antibody (1:500).



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-AGR2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-AGR2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.