

Product datasheet for **UM800137CF**

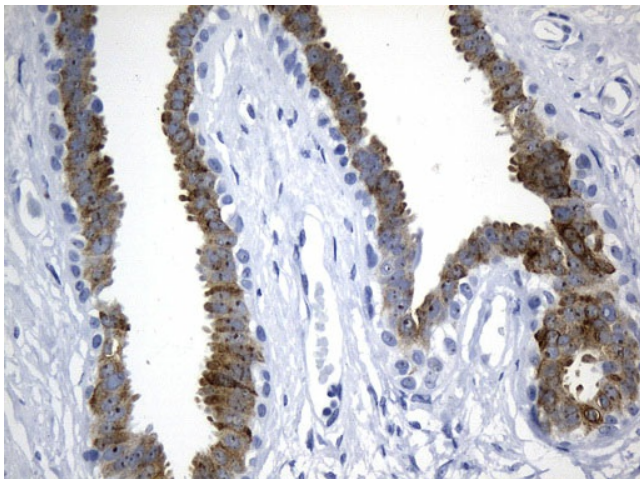
AGR2 Mouse Monoclonal Antibody [Clone ID: UMAB245]

Product data:

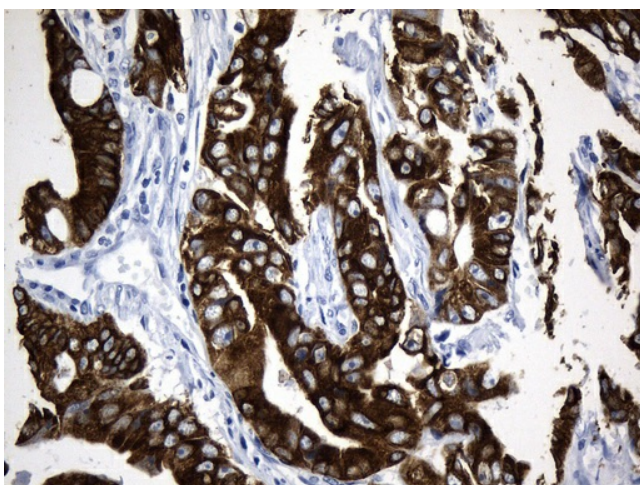
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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Clone Name: | UMAB245 |
| Applications: | IHC |
| Recommended Dilution: | IHC 1:500 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 21-175 of human AGR2(NP_006399) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| 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 MouseEntrez Gene 298961 RatEntrez Gene 10551 Human O95994 |
| Synonyms: | AG2; GOB-4; HAG-2; HEL-S-116; PDIA17; XAG-2 |
| Protein Families: | Secreted Protein |



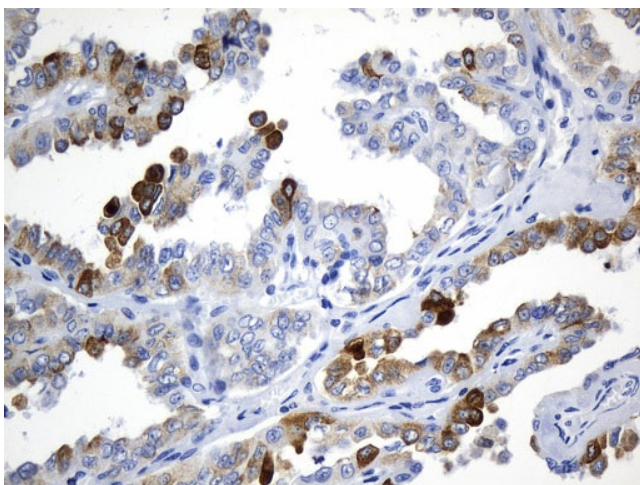
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Product images:

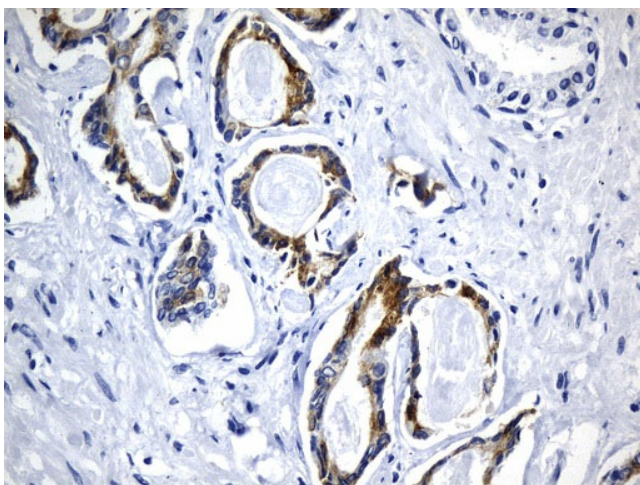
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-AGR2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800137]) (1:500)



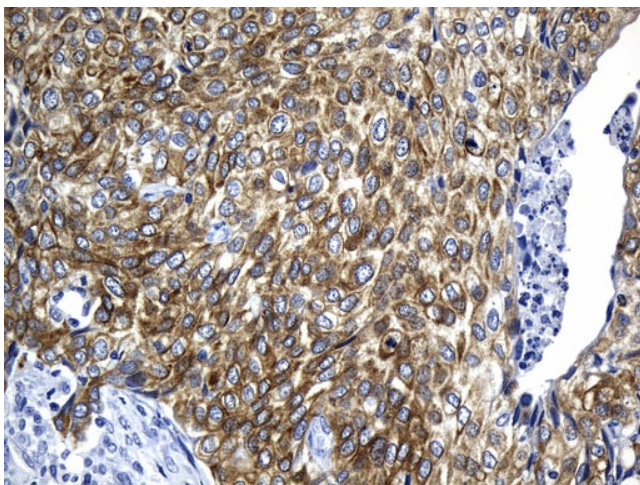
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AGR2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800137]) (1:500)



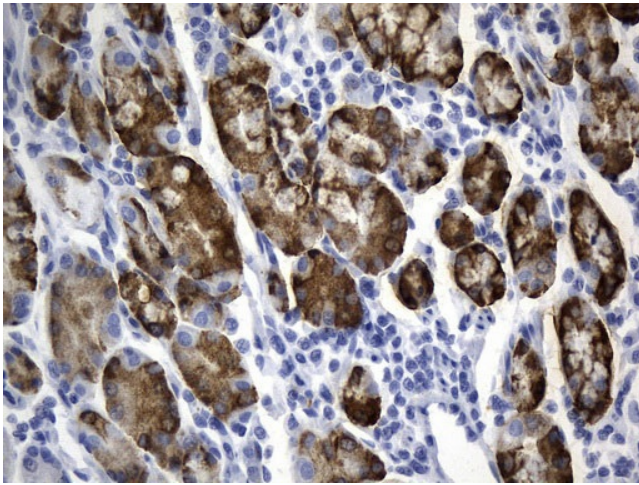
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-AGR2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800137]) (1:500)



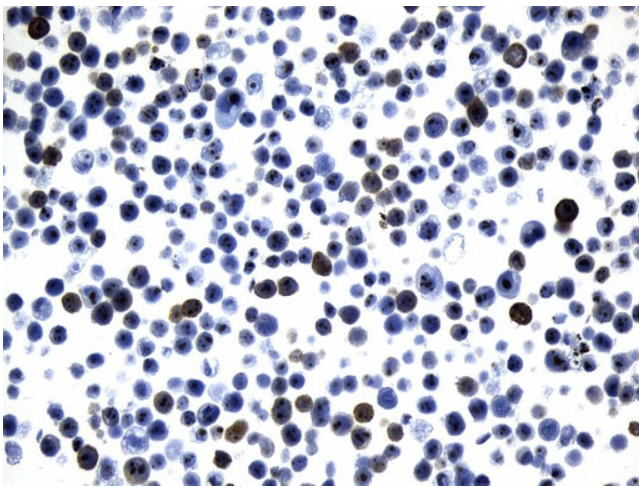
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-AGR2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800137]) (1:500)



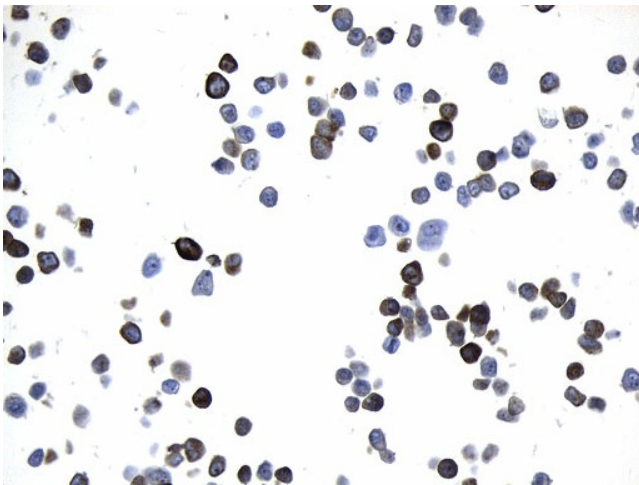
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AGR2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800137]) (1:500)



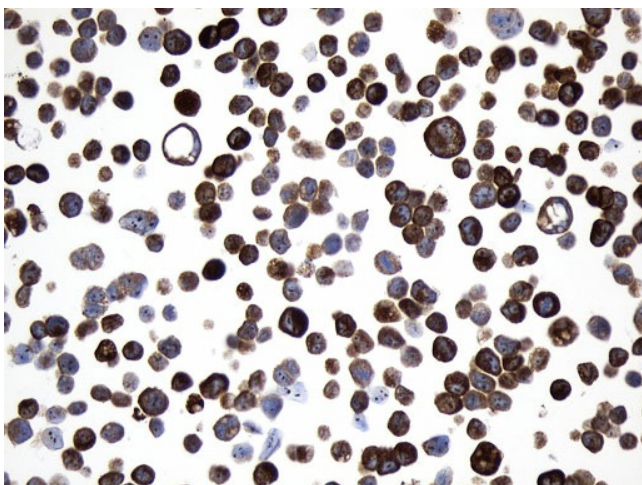
Immunohistochemical staining of paraffin-embedded Human Gastric Carcinoma using anti-AGR2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800137]) (1:500).



Immunohistochemical staining of paraffin-embedded MCF7 cell pellets using anti-AGR2 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800137]) (1:500)



Immunohistochemical staining of paraffin-embedded T-47D cell pellets using anti-AGR2 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800137]) (1:500)



Immunohistochemical staining of paraffin-embedded MDA-MB-453 cell pellets using anti-AGR2 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800137]) (1:500)