

## Product datasheet for **TA337147**

### **AGR2 Mouse Monoclonal Antibody [Clone ID: 10E2]**

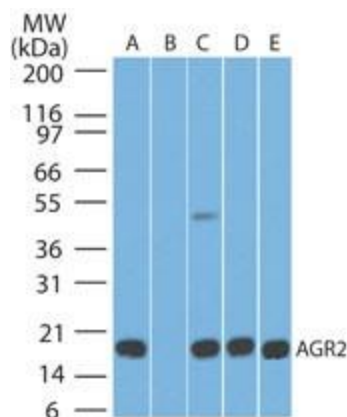
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	10E2
<b>Applications:</b>	IHC, WB
<b>Recommend Dilution:</b>	WB: 4-6ug/ml, IHC: 5 ug/ml, IHC-P: 5 ug/ml
<b>Reactivity:</b>	Bovine, Canine, Equine, Human, Mouse, Primate
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	A portion of amino acids 50-100 of human AGR2 was used as the immunogen for the antibody.
<b>Formulation:</b>	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Protein G purified
<b>Gene Name:</b>	anterior gradient 2, protein disulphide isomerase family member
<b>Database Link:</b>	<a href="#">NP_006399</a> <a href="#">Entrez Gene 23795</a> <a href="#">MouseEntrez Gene 10551</a> <a href="#">Human</a>
<b>Background:</b>	hAG-2 and hAG-3 are recently discovered human homologues of the secreted <i>Xenopus laevis</i> proteins XAG-1/2 (AGR1 and AGR2) that are expressed in the cement gland, an ectodermal organ in the head associated with anteroposterior fate determination during early development. Although the roles of hAG-2 and hAG-3 in mammalian cells are unknown, both proteins share a high degree of protein sequence homology and lie adjacent to one another on chromosome 7p21.
<b>Synonyms:</b>	AG2; GOB-4; HAG-2; HEL-S-116; PDIA17; XAG-2
<b>Protein Families:</b>	Secreted Protein

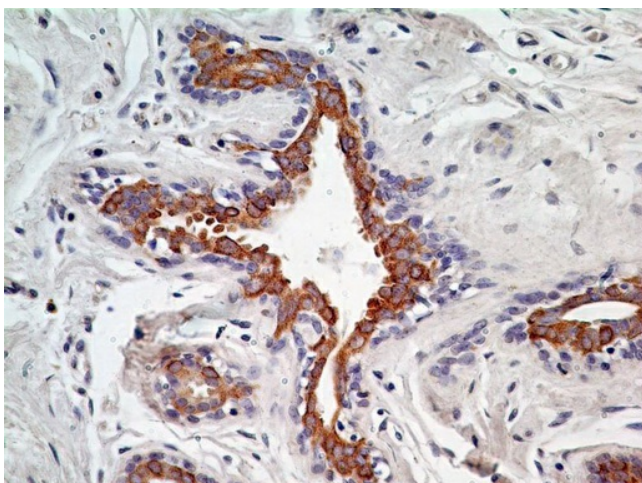


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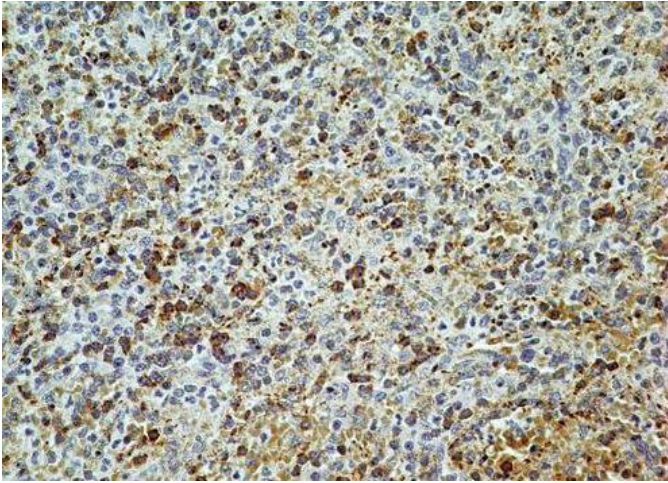
## Product images:



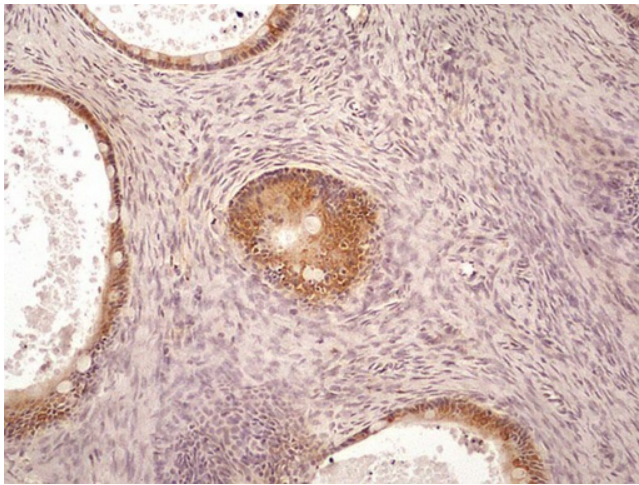
Western Blot: AGR2 Antibody (10E2) TA337147 - analysis of human stomach in the A) absence and B) presence of immunizing peptide, C) mouse stomach, D) rat stomach tissue lysate, and E) HCT-116 cell lysate using AGR2 antibody at 5 ug/ml. Goat anti-mouse I



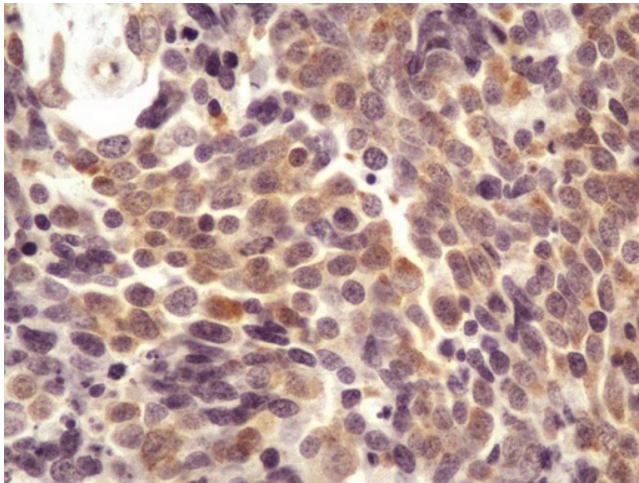
Immunohistochemistry-Paraffin: AGR2 Antibody (10E2) TA337147 - Formalin-fixed, paraffin-embedded human breast stained with AGR2 antibody at 5 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer



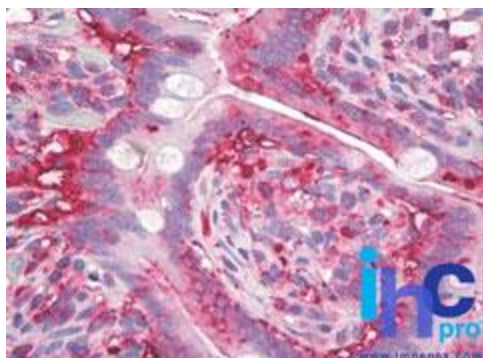
Immunohistochemistry-Paraffin: AGR2 Antibody (10E2) TA337147 - Formalin-fixed, paraffin-embedded human spleen tissue stained with 5 ug/ml concentration of AGR2 antibody.



Immunohistochemistry-Paraffin: AGR2 Antibody (10E2) TA337147 - IHC-P detection of AGR2 protein in a human ovarian cancer section using 5 ug/ml concentration of AGR2 antibody. The representative image shows AGR2 immunoreactivity in the developing ovaria



Immunohistochemistry-Paraffin: AGR2 Antibody (10E2) TA337147 - IHC-P detection of AGR2 protein in a section of human bladder cancer using 5 ug/ml concentration of AGR2 antibody. The AGR2 immunoreactivity was observed in cellular cytoplasm and the inter-



Immunohistochemistry-Paraffin: AGR2 Antibody (10E2) TA337147 - paraffin-embedded human small intestine tissue stained with AGR2 antibody at 10 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer.