

Datasheet for ABIN7428746
anti-AGR2 antibody (AA 21-175)

4 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | AGR2 |
| Binding Specificity: | AA 21-175 |
| Reactivity: | Rat |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This AGR2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|---------------|---|
| Purpose: | Monoclonal Antibody to Anterior Gradient 2 (AGR2) |
| Immunogen: | Recombinant Anterior Gradient 2 (AGR2) corresponding to Lys21~Leu175 (Accession # D3ZIA7) with N-terminal His Tag |
| Clone: | C1 |
| Isotype: | IgG2a kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against AGR2. It has been selected for its ability to recognize AGR2 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

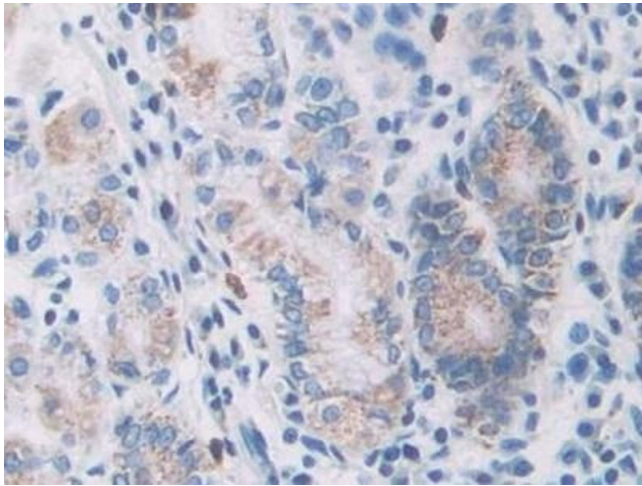
| | |
|-------------------|--|
| Target: | AGR2 |
| Alternative Name: | Anterior Gradient 2 (AGR2 Products) |
| Background: | GOB4, HAG2, XAG2, AG2, PDIA17, HPC8, Anterior Gradient Protein 2, Protein Disulfide Isomerase Family A, Member 17, Secreted cement gland protein XAG-2 homolog |

Application Details

| | |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

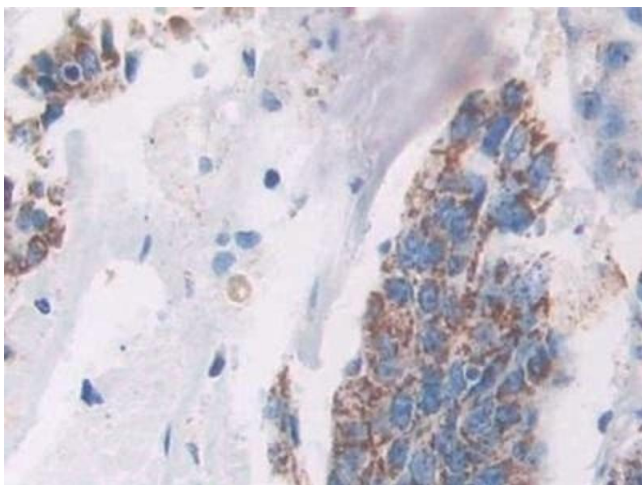
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



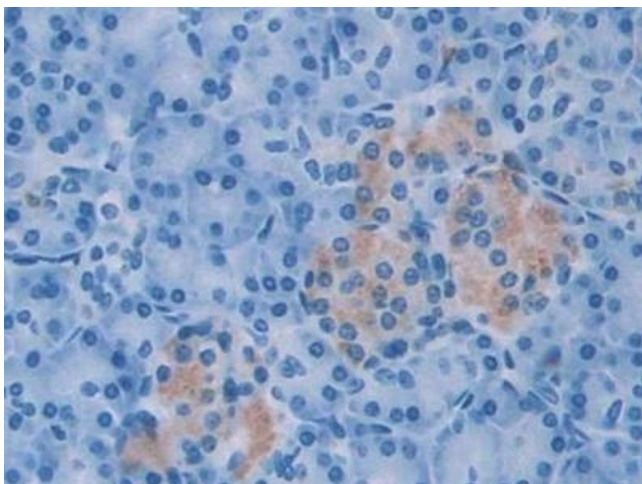
Immunohistochemistry

Image 1. Detection of AGR2 in Human Stomach Tissue using Monoclonal Antibody to Anterior Gradient 2 (AGR2)



Immunohistochemistry

Image 2. Detection of AGR2 in Human Colorectal cancer Tissue using Monoclonal Antibody to Anterior Gradient 2 (AGR2)



Immunohistochemistry

Image 3. Detection of AGR2 in Human Pancreas Tissue using Monoclonal Antibody to Anterior Gradient 2 (AGR2)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7428746.