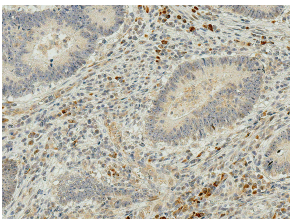


Anti-IRGM Antibody (A304839)

Specifications:

| | |
|------------------------|--|
| Name: | Anti-IRGM Antibody |
| Description: | Rabbit polyclonal antibody to IRGM. |
| Applications: | WB, ICC/IF, IHC |
| Recommended Dilutions: | WB: 1:1,000, ICC/IF: 1:100, IHC: 1:50 |
| Reactivity: | Human |
| Immunogen: | Synthetic peptide from the N-terminal of Human IRGM. |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Isotype: | IgG |
| Conjugate: | Unconjugated |
| Purification: | Peptide affinity purification. |
| Concentration: | 1 mg/ml |
| Molecular Weight: | ~20 kDa |
| Product Form: | Liquid |
| Formulation: | Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide. |
| Storage: | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Disclaimer: | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

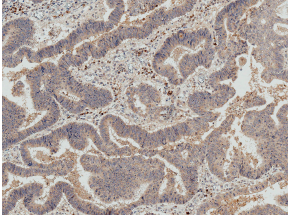
Images:



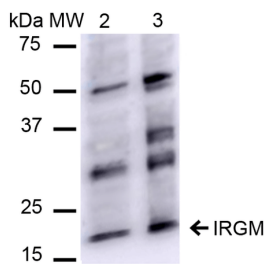
Immunohistochemistry analysis of human colon cancer, fixed in formalin and paraffin-embedded. The Primary Antibody used was Anti-IRGM Antibody (A304839) at 1:50 for 30 minutes at room temperature. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.

Anti-IRGM Antibody (A304839)

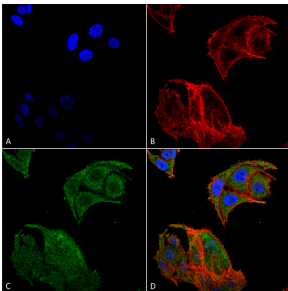
Images continued:



Immunohistochemistry analysis of human colon cancer, fixed in formalin and paraffin-embedded. The Primary Antibody used was Anti-IRGM Antibody (A304839) at 1:50 for 30 minutes at room temperature. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.



Western blot analysis of human HeLa and HEK293T cell lysates showing detection of ~20.1 kDa IRGM protein using Anti-IRGM Antibody (A304839) at 1:1,000 for 2 hours at room temperature. Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa cell lysates. Lane 3: 293T cell lysates. Load: 15 μ g. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit IgG: HRP at 1:1,000 for 60 minutes at room temperature. Color Development: ECL solution for 6 min in room temperature. Predicted/Observed Size: ~20.1 kDa.



Immunocytochemistry/Immunofluorescence analysis of human colon carcinoma cell line (RKO), fixed in 4% formaldehyde for 15 min at room temperature, using Anti-IRGM Antibody (A304839), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Rabbit ATTO 488 at 1:100 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60 minutes at room temperature, 5 minutes at room temperature. Localization: Cell Membrane, Cytoplasmic Vesicle, Phagosome Membrane, Autophagosome Membrane. Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) IRGM Antibody. (D) Composite.