

## Mouse anti-Human Regenerating Islet Derived Protein 3 Alpha (REG3a) Monoclonal Antibody | anti-REG3a antibody

Monoclonal Antibody to Regenerating Islet Derived Protein 3 Alpha (REG3a)

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                       |
|-----------|-------|------------|------------------------------------|
| AAA20290  | Mouse | Human      | Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

Regenerating Islet Derived Protein 3 Alpha (REG3a); Monoclonal Antibody; Monoclonal Antibody to Regenerating Islet Derived Protein 3 Alpha (REG3a); anti-REG3a antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                         | IgG2a Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clone Number                                    | 4#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity/Purification                             | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                     | Liquid; Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-REG3a antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes                               | Western blotting: 0.01-2ug/mL<br>Immunohistochemistry: 5-20ug/mL<br>Optimal working dilutions must be determined by end user.                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source                                          | Monoclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                       | Recombinant REG3a (Cys40~Asn164) expressed in E.coli ( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                         | <b>Storage:</b><br>Avoid repeated freeze/thaw cycles.<br>Store at 4 degree C for frequent use.<br>Aliquot and store at -20 degree C for 24 months.<br><br><b>Stability Test:</b><br>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 degree 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. |

IMAGES



**IHC (Immunohistochemistry)**  
Vector Red staining on IHC-PSamples: Human Small Intestine Tissue  
Primary Ab: 15ug/ml Mouse Anti-Human REG3a Antibody  
Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG



**WB (Western Blot)**  
Western Blot: Sample: Recombinant REG3a, Human

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 4505605                                                     |
| NCBI GeneID                      | 5068                                                        |
| NCBI Accession #                 | NP_002571.1                                                 |
| NCBI GenBank Nucleotide #        | NM_002580.2                                                 |
| UniProt Accession #              | Q06141                                                      |
| NCBI Official Full Name          | regenerating islet-derived protein 3-alpha                  |
| NCBI Official Synonym Full Names | regenerating family member 3 alpha                          |
| NCBI Official Symbol             | REG3A                                                       |
| NCBI Official Synonym Symbols    | HIP; PAP; PAP1; REG3; INGAP; PAP-H; PBCGF; HIP/PAP; REG-III |
| NCBI Protein Information         | regenerating islet-derived protein 3-alpha                  |
| UniProt Protein Name             | Regenerating islet-derived protein 3-alpha                  |
| UniProt Gene Name                | REG3A                                                       |
| UniProt Synonym Gene Names       | HIP; PAP; PAP1; REG-3-alpha; HIP/PAP; Reg III-alpha         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/regenerating-islet-derived-protein-3-alpha-reg3a-antibody-clone-4-western-blot-immunohistochemistry-elisa/20290>