# Mouse ATP6V1G2 Monoclonal Antibody | anti-ATP6V1G2 antibody

ATP6V1G2 (V-type Proton ATPase Subunit G 2, V-ATPase Subunit G 2, V-ATPase 13kD Subunit 2, Vacuolar Proton Pump Subunit G 2, ATP6G, ATP6G2, NG38) (FITC)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA25032** | **Mouse** | **Human, Mouse, Rat** | **ELISA, Western Blot** |

## PRODUCT SYNONYMS

ATP6V1G2; Monoclonal Antibody; ATP6V1G2 (V-type Proton ATPase Subunit G 2; V-ATPase Subunit G 2; V-ATPase 13kD Subunit 2; Vacuolar Proton Pump Subunit G 2; ATP6G; ATP6G2; NG38) (FITC); anti-ATP6V1G2 antibody

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Mouse |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2b, lambda |
| **Clone Number** | 2E11 |
| **Specificity** | Recognizes human ATP6V1G2. Species Crossreactivity: mouse and rat. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC). |
| **Applicable Applications for anti-ATP6V1G2 antibody** | ELISA, WB (Western Blot) |
| **Application Notes** | Applications are based on unconjugated antibody. |
| **Immunogen** | Partial recombinant corresponding to aa41-118 from human ATP6V1G2 (NP_569730) with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | QMEVEQYRREREHEFQSKQQAAMGSQGNLSAEVEQATRRQVQGMQSSQQRNRERVLAQLLGMVCDVRPQVHPNYRISA |
| **Conjugate** | FITC |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |

## IMAGES

**WB (Western Blot)**
Western Blot analysis of ATP6V1G2 expression in transfected 293T cell line by ATP6V1G2 monoclonal antibody. Lane 1: ATP6V1G2 transfected lysate (13.6kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**
ATP6V1G2 monoclonal antibody Western Blot analysis of ATP6V1G2 expression in NIH/3T3.

**WB (Western Blot)**
ATP6V1G2 monoclonal antibody Western Blot analysis of ATP6V1G2 expression in Raw 264.7.

**WB (Western Blot)**
ATP6V1G2 monoclonal antibody, Western Blot analysis of ATP6V1G2 expression in HepG2.

**WB (Western Blot)**
ATP6V1G2 monoclonal antibody. Western Blot analysis of ATP6V1G2 expression in PC-12.

**WB (Western Blot)**
Western Blot detection against Immunogen (34.32kD).

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Product Categories/Family for anti-ATP6V1G2 antibody** | Antibodies; Enzymes; ATPase |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 18497300 |
| **NCBI GeneID** | 534 |
| **NCBI Accession #** | NP_569730 |
| **NCBI GenBank Nucleotide #** | NM_130463 |
| **UniProt Accession #** | O95670 |
| **Molecular Weight** | 13kDa |
| **NCBI Official Full Name** | V-type proton ATPase subunit G 2 isoform a |
| **NCBI Official Synonym Full Names** | ATPase H+ transporting V1 subunit G2 |
| **NCBI Official Symbol** | ATP6V1G2 |
| **NCBI Official Synonym Symbols** | NG38; ATP6G; VMA10; ATP6G2 |
| **NCBI Protein Information** | V-type proton ATPase subunit G 2 |
| **UniProt Protein Name** | V-type proton ATPase subunit G 2 |
| **UniProt Gene Name** | **ATP6V1G2** |
| **UniProt Synonym Gene Names** | ATP6G; ATP6G2; NG38 |
| **UniProt Entry Name** | VATG2_HUMAN |

**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/atp6v1g2-antibody-clone-2e11-western-blot-elisa/25032