

Datasheet for ABIN7427840

anti-beta-2 Microglobulin antibody (AA 22-119)

8 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | beta-2 Microglobulin (B2M) |
| Binding Specificity: | AA 22-119 |
| Reactivity: | Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This beta-2 Microglobulin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|---|
| Purpose: | Monoclonal Antibody to Beta-2-Microglobulin (b2M) |
| Immunogen: | Recombinant Beta-2-Microglobulin (b2M) corresponding to Gln22~Met119 with N-terminal His Tag |
| Clone: | A2 |
| Isotype: | IgG Mix lambda |
| Specificity: | The antibody is a mouse monoclonal antibody raised against b2M. It has been selected for its ability to recognize b2M in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Rat |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

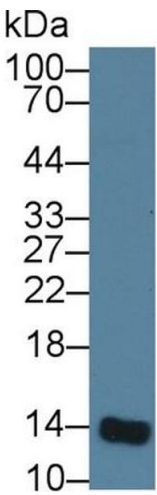
| | |
|-------------------|--|
| Target: | beta-2 Microglobulin (B2M) |
| Alternative Name: | Beta-2-Microglobulin (B2M Products) |
| Background: | BMG, B2MG |
| Pathways: | TCR Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process |

Application Details

| | |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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 |

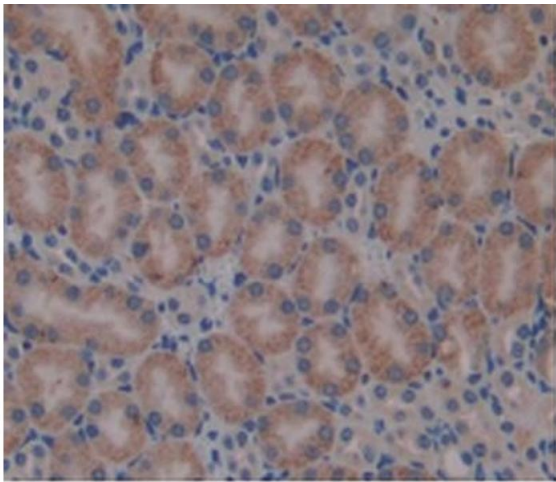
Handling

| | |
|--------------------|---|
| 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 |



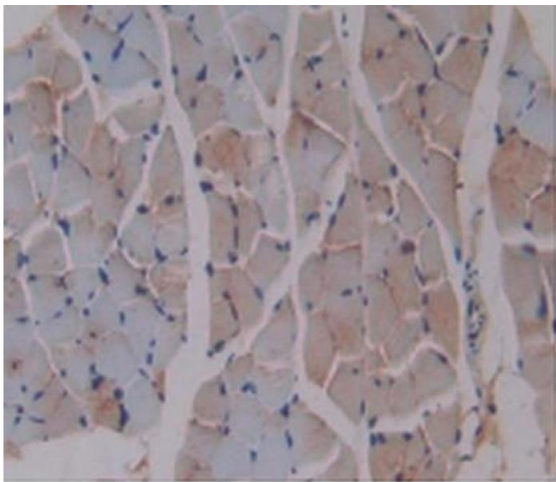
Western Blotting

Image 1. Detection of b2M in Human Urine using Monoclonal Antibody to Beta-2-Microglobulin (b2M)



Immunohistochemistry

Image 2. Detection of b2M in Mouse Kidney Tissue using Monoclonal Antibody to Beta-2-Microglobulin (b2M)



Immunohistochemistry

Image 3. Detection of b2M in Mouse Skeletal Muscle Tissue using Monoclonal Antibody to Beta-2-Microglobulin (b2M)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7427840.