antibodies

Datasheet for ABIN7429220 anti-beta-2 Microglobulin antibody (AA 22-119)



10 Images

Overview

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

Product Details

| Purpose: | Polyclonal Antibody to Beta-2-Microglobulin (b2M) |
|---------------|--|
| Immunogen: | Recombinant Beta-2-Microglobulin (b2M) corresdonding to Gln22~Met119 with N-terminal His Tag |
| lsotype: | lgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against b2M. It has been selected for its ability to recognize b2M in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

Target:

beta-2 Microglobulin (B2M)

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

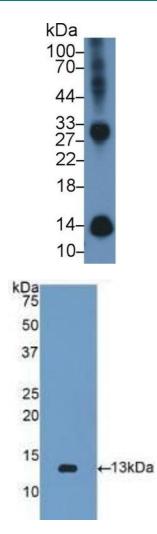
Application Details

| 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 $37^\circ C$ 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: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: 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 |

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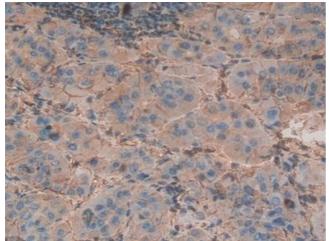


Western Blotting

Image 1. Detection of b2M in Mouse Spleen lysate using Polyclonal Antibody to Beta-2-Microglobulin (b2M)

Western Blotting

Image 2. Detection of Recombinant b2M, Human using Polyclonal Antibody to Beta-2-Microglobulin (b2M)



Immunohistochemistry

Image 3. Detection of b2M in Human Liver cancer Tissue using Polyclonal Antibody to Beta-2-Microglobulin (b2M)

Please check the product details page for more images. Overall 10 images are available for ABIN7429220.

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