

Datasheet for ABIN7306308

anti-PSMB2 antibody**3** Images[Go to Product page](#)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | PSMB2 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PSMB2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC) |

Product Details

| | |
|------------------|---|
| Immunogen: | Recombinant full length protein of human PSMB2 |
| Specificity: | Recognizes endogenous levels of PSMB2 protein. |
| Characteristics: | Rabbit polyclonal antibody to PSMB2 |
| Purification: | The antibody was purified by immunogen affinity chromatography. |

Target Details

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|-------------------|--|
| Target: | PSMB2 |
| Alternative Name: | PSMB2 (PSMB2 Products) |
| Background: | Proteasome subunit beta type-2, Macropain subunit C7-I, Multicatalytic endopeptidase complex subunit C7-I, Proteasome component C7-I |

Target Details

| | |
|-----------|---|
| Gene ID: | 5690, 26445, 29675 |
| UniProt: | P49721 , Q9R1P3 , P40307 |
| Pathways: | Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA |

Application Details

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|--------------------|--|
| Application Notes: | WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200) |
| Restrictions: | For Research Use only |

Handling

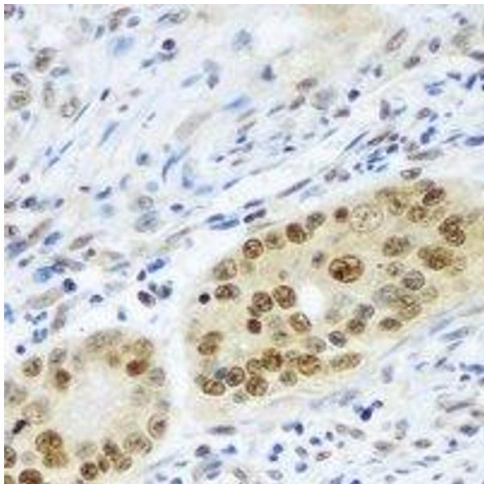
| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |

Images



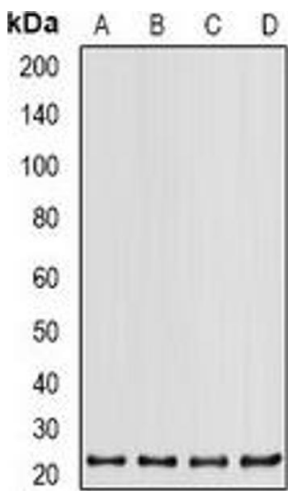
Immunofluorescence

Image 1. Immunofluorescent analysis of PSMB2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

Image 2. Immunohistochemical analysis of PSMB2 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wit



Western Blotting

Image 3. Western blot analysis of PSMB2 expression in K562 (A), HT29 (B), HeLa (C), 22RV1 (D) whole cell lysates.