

## Anti-Proteasome beta 8 (3G3) Mouse Monoclonal Antibody

### Introduction

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity.

### Product parameters

|                    |  |
|--------------------|--|
| Alternative Names  | PSMB8; LMP7; PSMB5i; RING10; Y2; Proteasome subunit beta type-8; Low molecular mass protein 7; Macropain subunit C13; Multicatalytic endopeptidase complex subunit C13; Proteasome component C13; Proteasome subunit beta-5i; Really interesting |
| Gene ID            | 5696   |
| Gene Name          | PSMB8  |
| SwissProt ID       | P28062   |
| Host               | Mouse  |
| Reactivity         | Human, Rat   |
| Molecular Weight   | Calculated MW: 30 kDa; Observed MW: 30 kDa   |
| Conjugation        | Unconjugated   |
| Ex                 | -  |
| Em                 | -  |
| Modification       | Unmodified   |
| Clonality          | IgG1   |
| Isotype            | Monoclonal Antibody  |
| Clonality No.      | AP-17D7F4  |
| Form               | Liquid   |
| Concentration      | See label  |
| Carrier            | Carrier Not Free   |
| Immunogen          | Purified recombinant fragment of human PSMB8 expressed in E. Coli.   |
| Purification       | Ascitic Fluid  |
| Buffer System      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  |
| Application        | WB, IHC-F, IHC-P, ICC/IF   |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  |
| Research Field     | Cell Biology   |
| Product Categories | Primary antibody   |

|                 |                                  |
|-----------------|----------------------------------|
| Shipping        | Blue ice                         |
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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