Recombinant DGRmAb®

# Proteasome Activator Subunit 4 (DGR16232) Rabbit mAb

**db14883** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Proteasome Activator Subunit 4 (DGR16232) Rabbit mAb
**Cat.No.:** db14883
**Synonyms :** PA200
**Application :** WB, IHC-P
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | Associated component of the proteasome that specifically recognizes acetylated histones and promotes ATP- and ubiquitin-independent degradation of core histones during spermatogenesis and DNA damage response. Recognizes and binds acetylated histones via its bromodomain-like (BRDL) region and activates the proteasome by opening the gated channel for substrate entry. Binds to the core proteasome via its C-terminus, which occupies the same binding sites as the proteasomal ATPases, opening the closed structure of the proteasome via an active gating mechanism. Component of the spermatoproteasome, a form of the proteasome specifically found in testis: binds to acetylated histones and promotes degradation of histones, thereby participating actively to the exchange of histones during spermatogenesis. |
| **Immunogen** | A synthetic peptide of human Proteasome Activator Subunit 4 |
| **Gene ID** | 23198 |
| **Swiss Prot** | Q14997 |
| **Synonyms** | PA200 |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P |
| **Recommended dilution** | WB: 1:1000<br>IHC-P: 1:200-1:1000 |
| **Calculated MW** | 211 kDa |
| **Observed MW** | 211 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR16232 |

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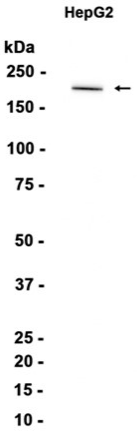
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |




Western blot analysis of extracts from HepG2 cells using db14883 at 1:1000.