

Anti-PSMD9 Antibody

Catalog Number: A06113-1

About PSMD9

PSMD9 is a ubiquitous protein of eukaryotic cells and is a chaperon of the 26S proteasome complex, which degrades ubiquitinated proteins in eukaryotic cells and contributes to the degradation of intracellular proteins into antigenic peptides for antigen presentation by MHC class I cells. The 26S mammalian base sub-complex involves three distinct modules which have ATPase subunits distinctly associated to three chaperones, one of which is PSMD9 regulating the modules assembly. The PSMD9 ubiquitous regulatory role within the proteasome implies its potential pleiotropic effects within different physio-pathological systems. PSMD9 is known to form a stable subcomplex with PSMC3 and PSMC6, two of the AAA-ATPases, assisting in the assembly of the 20S and 19S particles to form the holo complex.

Overview

Product Name	Anti-PSMD9 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PSMD9 Antibody catalog # A06113-1. Tested in WB, IHC, ICC, IF, IP, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O00233

Technical Details

Immunogen	E.coli-derived human PSMD9 recombinant protein (Position: D3-L100).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-400
Immunocytochemistry/Immunofluorescence, 1:50-400
ImmunoPrecipitation, 1:250-300
Flow Cytometry (Fixed), 1:50-200
ELISA, 1:100-1000

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