

Allgemeine Informationen

Katalog-Nr.: CL594-67338	GenBank-Zugangsnummer: BC004213	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von5715 Nanodrop;	GeneID (NCBI): Vollständiger Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 9	CloneNo.: 1H2G1 Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Maus	Berechnete Masse: 27 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Isotyp: IgG1	Beobachtete Masse: 30 kDa	
Immunogen Katalognummer: AG25654		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : U2OS-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

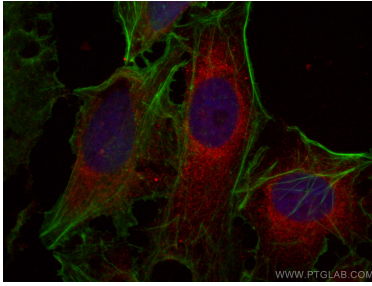
PSMD9 is a ubiquitous protein of eukaryotic cells and is a chaperon of the 26S proteasome complex, which degrades ubiquitinated proteins in eukaryotic cells and contributes to the degradation of intracellular proteins into antigenic peptides for antigen presentation by MHC class I cells. The 26S mammalian 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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® 594 PSMD9 antibody (CL594-67338, Clone: 1H2G1) at dilution of 1:100, CL488-Phalloidin (green).