

PSMD11 (PTR1354) mouse mAb

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| Catalog No : | YM4769 |
| Reactivity : | Human;Mouse;Rat; |
| Applications : | WB;IF;ELISA |
| Target : | PSMD11 |
| Fields : | >>Proteasome;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Spinocerebellar ataxia;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Epstein-Barr virus infection |
| Gene Name : | PSMD11 |
| Protein Name : | 26S proteasome non-ATPase regulatory subunit 11 |
| Human Gene Id : | 5717 |
| Human Swiss Prot No : | O00231 |
| Mouse Gene Id : | 69077 |
| Mouse Swiss Prot No : | Q8BG32 |
| Immunogen : | Synthesized peptide derived from human protein.AA range:250-350 |
| Specificity : | This antibody detects endogenous levels of PSMD11. |
| Formulation : | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Source : | Mouse, Monoclonal/IgG3, kappa |
| Dilution : | WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000 |
| Purification : | Protein G |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

Molecularweight : 47kD

Observed Band : 47kD

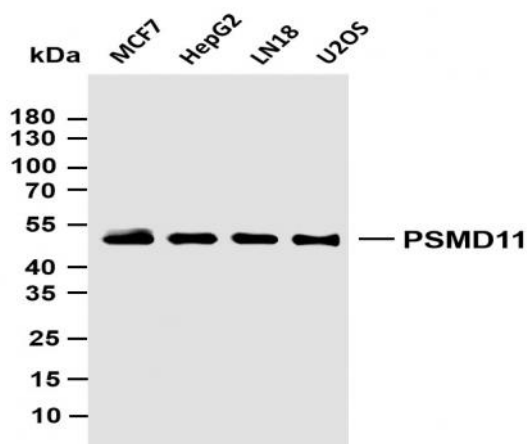
Cell Pathway : Proteasome;

Background : The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the proteasome subunit S9 family that functions as a non-ATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq,

Function : function:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit S9 family.,similarity:Contains 1 PCI domain.,subunit:Component of the PA700 complex.,

Expression : Highly expressed in embryonic stem cells (ESCs). Expression decreases as ESCs differentiate.

Products Images



Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-PSMD11 (PTR1354) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: HepG2 Lane 3: LN18 Lane 4: U2OS