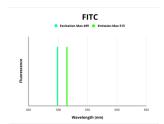
Datasheet

Version: 3.0.0 Revision date: 29 Oct 2025



26S Proteasome Regulatory Subunit 10B (PSMC6) Antibody (FITC)

Catalogue No.:abx304988



Fluorescence emission spectra of FITC.

26S Proteasome Regulatory Subunit 10B (PSMC6) Antibody (FITC) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 10B (PSMC6) conjugated to FITC. 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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. Pseudogenes have been identified on chromosomes 8 and 12.

Target: 26S Proteasome Regulatory Subunit 10B (PSMC6)

Clonality: Polyclonal

Reactivity: Human

Host: Rabbit

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Conjugation: FITC

Excitation/Emission: 499/515

Laser Line: 488

Immunogen: Recombinant human 26S protease regulatory subunit 10B protein (1-260AA).

Isotype: IgG

Form: Liquid

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Purity: > 95%

Purification: Purified by Protein G.

Storage: Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P62333 (<u>UniProt</u>, <u>ExPASy</u>)

Gene Symbol: PSMC6

GeneID: <u>5706</u>

OMIM: <u>602708</u>

HGNC: 9553

KEGG: hsa:5706

Ensembl: ENSG00000100519

String: <u>9606.ENSP00000401802</u>

Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.