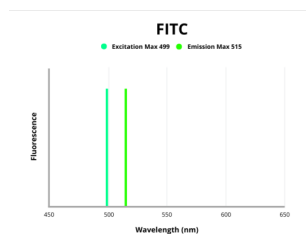


26S Proteasome Regulatory Subunit 8 (PSMC5) Antibody (FITC)

Catalogue No.: abx317157



Fluorescence emission spectra of FITC.

26S Proteasome Regulatory Subunit 8 (PSMC5) Antibody (FITC) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 8 (PSMC5) 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. In addition to participation in proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha. Two transcript variants encoding different isoforms have been found for this gene.

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| Target: | 26S Proteasome Regulatory Subunit 8 (PSMC5) |
| 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 8 protein (253-324AA). |
| Isotype: | IgG |
| Form: | Liquid |

Datasheet

Version: 2.0.0

Revision date: 09 Aug 2025



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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: | P62195 (UniProt , ExPASy) |
| Gene Symbol: | PSMC5 |
| GeneID: | 5705 |
| OMIM: | 601681 |
| NCBI Accession: | NP_001186092.1, NM_001199163.1, NP_002796.4, NM_002805.5 |
| KEGG: | hsa:5705 |
| String: | 9606.ENSP00000310572 |
| 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. |