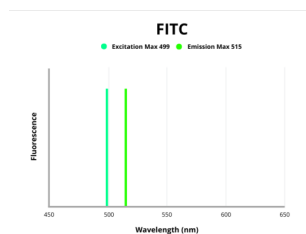


## 26S Proteasome Regulatory Subunit 8 (PSMC5) Antibody (FITC)

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.

<b>Target:</b>	26S Proteasome Regulatory Subunit 8 (PSMC5)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	FITC
<b>Excitation/Emission:</b>	499/515
<b>Laser Line:</b>	488
<b>Immunogen:</b>	Recombinant Human 26S protease regulatory subunit 8 protein (253-324AA).
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid

# Datasheet

Version: 2.0.0

Revision date: 23 Jul 2025



<b>Purity:</b>	> 95%
<b>Purification:</b>	Purified by Protein G.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P62195 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	PSMC5
<b>GeneID:</b>	<a href="#">5705</a>
<b>OMIM:</b>	<a href="#">601681</a>
<b>NCBI Accession:</b>	NP_001186092.1, NM_001199163.1, NP_002796.4, NM_002805.5
<b>KEGG:</b>	hsa:5705
<b>String:</b>	<a href="#">9606.ENSP00000310572</a>
<b>Buffer:</b>	0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.