

Anti-PSMD10 / Gankyrin Antibody (clone 4B5)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17850**Specification**

Anti-PSMD10 / Gankyrin Antibody (clone 4B5) - Product Information

Application	WB, IHC-F, IF, E
Primary Accession	O75832
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	24428

Anti-PSMD10 / Gankyrin Antibody (clone 4B5) - Additional Information**Gene ID** 5716**Alias Symbol** PSMD10**Other Names**

PSMD10, 26s proteasome subunit 10, Ankyrin repeat protein, DJ889N15.2, Gankyrin, p28, p28(GANK)

Reconstitution & Storage

Protein A purified

Precautions

Anti-PSMD10 / Gankyrin Antibody (clone 4B5) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-PSMD10 / Gankyrin Antibody (clone 4B5) - Protein Information**Name** PSMD10**Function**

Acts as a chaperone during the assembly of the 26S proteasome, specifically of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD10:PSMC4:PSMC5:PAAF1 module which probably assembles with a PSMD5:PSMC2:PSMC1:PSMD2 module. Independently of the proteasome, regulates EGF-induced AKT activation through inhibition of the RHOA/ROCK/PTEN pathway, leading to prolonged AKT activation. Plays an important role in RAS-induced tumorigenesis.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Tends to be up-regulated in cancer cells with RAS mutations, including lung cancers and adenocarcinomas (at protein level).

Anti-PSMD10 / Gankyrin Antibody (clone 4B5) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PSMD10 / Gankyrin Antibody (clone 4B5) - Images