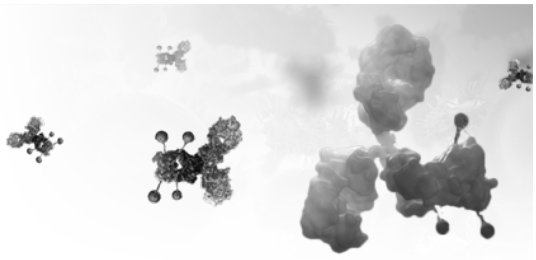

# Anti-PSMC3 monoclonal antibody, clone 0H6 (DCABH-583)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Mouse monoclonal to PSMC3 |
| **Antigen Description** | The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex (By similarity). In case of HIV-1 infection, suppresses Tat-mediated transactivation. |
| **Immunogen** | Recombinant full length Human PSMC3 produced in HEK293T cells (NP_002795). |
| **Isotype** | IgG1 |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 0H6 |
| **Purification** | This antibody is purified from Mouse ascites fluid by affinity chromatography. |
| **Conjugate** | Unconjugated |
| **Applications** | WB, ICC/IF |
| **Positive Control** | HEK293T cell lysate transfected with pCMV6-ENTRY PSMC3 cDNA; COS7 cells transiently transfected by pCMV6-ENTRY PSMC3. |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 49% PBS, 1% BSA, 50% Glycerol |

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| | |
|---|---|
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | store at -20°C. Avoid repeated freeze / thaw cycles. |
| **Ship** | Shipped at 4°C. |

# GENE INFORMATION

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|---|---|
| **Gene Name** | PSMC3 proteasome (prosome, macropain) 26S subunit, ATPase, 3 [ Homo sapiens ] |
| **Official Symbol** | PSMC3 |
| **Synonyms** | PSMC3; proteasome (prosome, macropain) 26S subunit, ATPase, 3; 26S protease regulatory subunit 6A; TBP 1; TBP1; TBP-1; Tat-binding protein 1; proteasome subunit P50; proteasome 26S subunit ATPase 3; 26S proteasome AAA-ATPase subunit RPT5; human immunodefi |
| **Entrez Gene ID** | 5702 |
| **Protein Refseq** | NP_002795 |
| **UniProt ID** | P17980 |
| **Chromosome Location** | 11p11.2 |
| **Pathway** | APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; |
| **Function** | ATP binding; hydrolase activity; nucleoside-triphosphatase activity; nucleotide binding; protein binding; transcription coactivator activity; transcription corepressor activity; |

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