

## CD4 mouse mAb(11A1) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A12039	Mouse	1 mg/ml	51111

<b>Applications</b>	IHC,IF
<b>Reactivity</b>	Human,Mouse,Rat
<b>Dilution</b>	IHC 1:200 IF 1:50-200
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous CD4 proteins.
<b>Source / Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthetic Peptide of CD4
<b>Uniprot No</b>	P01730
<b>Alternative names</b>	CD4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD4
<b>Form</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	CD4 molecule(CD4) Homo sapiens This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Aug 2010],
<b>Other</b>	CD4, T-cell surface glycoprotein CD4

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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