

## Recombinant Mouse CD229 Protein

Catalog #	Source	Reactivity	Applications
CRP2891	Human cells	Mouse	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Mouse CD229 Protein is produced by mammalian expression system and the target gene encoding Lys48-Phe454 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
<b>Gene Symbol</b>	LY9
<b>Alternative Names</b>	T-lymphocyte surface antigen Ly-9; Cell surface molecule Ly-9; Lymphocyte antigen 9; SLAM family member 3; SLAMF3; Signaling lymphocytic activation molecule 3; CD229
<b>Entrez Gene</b>	17085 (Mouse)
<b>SwissProt</b>	Q01965 (Mouse)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	KETPPTVISG MLGGSVTFSL NISKDAEIEH ITWNCPPKAL ALVSYKKDIT ILDKGYNGRL KVSEDGYSLY MSNLTKSDSG SYAQINQKN VTLTTNKEFT LHIYEKQLQKP QIIVESVTPS DTDSCTFTLI CTVKGTKDSV QYSWTREDTH LNTYDGSHTL RVSQSVCDPD LPYTCKAWNPN VSQNSSQPVR IWQFCTGASR RKTAAGKTVV GILGEPVTLN LFRATRATK NNVVWFNTSV ISQERRGAAT ADSRRKPKGS EERRVRTSDQ DQSLKISQLK MEDAGPYHAY VCSEASRDPS VRHFTLLVYK RLEKPSVTNS PVHMMNGICK VVLTCSVDGG GNNVTYTWMP LQNKAVMSQG KSHLNVSWES GEHLNFTCT AHNPNVSNSSS QFSSGTICSG PERNKRFHHH HHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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