

Product datasheet for **TA386283**

IL9 Rabbit Monoclonal Antibody [Clone ID: D9302C12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	D9302C12
Applications:	BI, FC
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunising Armenian hamsters with Baculovirus-expressed, recombinant murine IL-9.
Specificity:	This antibody is specific for murine IL-9.

In vitro, this antibody has inhibitory effects on IL-9 bioactivity, and inhibits the differentiation of Th17 cells and consequent production of IL-17 (Li et al, 2010). This antibody is also able to neutralise IL-9 in vivo (Li et al, 2010). Administration of this antibody suppresses acute experimental autoimmune encephalomyelitis (EAE), with an observed reduction in MOG-specific Th1 and Th17 cells in the periphery and the CNS (Li et al, 2010).

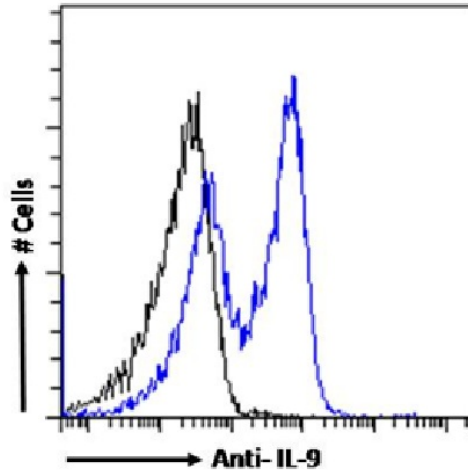
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	interleukin 9
Database Link:	Entrez Gene 16198 Mouse P15247
Synonyms:	HP40; IL-9; P40



[View online »](#)

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Hamster IgG2 format, for improved compatibility with existing reagents, assays and techniques.

Product images:



Flow-cytometry using the Anti-IL-9 antibody D9302C12 (TA386283). Mouse splenocytes were stimulated with PMA and Ionomycin in presence of Monensin for 4 hours. The cells were fixed using 2% PFA, permeabilized using 0.5% Triton and stained with anti-Fluorescein IgG antibody (clone 4-4-20; isotype control, black line) or the rabbit IgG version of D9302C12 (TA386283, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-mouse IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells were analyzed using a FACSCanto flow-cytometer.