OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA386286

Il9 Rabbit Monoclonal Antibody [Clone ID: RM9A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RM9A4
Applications:	ELISA, FC
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunising rats with recombinant full-length murine IL-9.
Specificity:	This antibody is specific for murine IL-9. This antibody, when fluorochrome-conjugated, has been used to achieve intracellular IL-9 staining of T cells, analysed using flow cytometry (Chang et al, 2010; Kim et al, 2010; Horka et al, 2012; Gomez-Rodriguez et al, 2016). This antibody has also been used in a sandwich ELISA to measure IL-9 secretion in supernatants collected from restimulated T cells (Jager et al, 2009).
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
Note:	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

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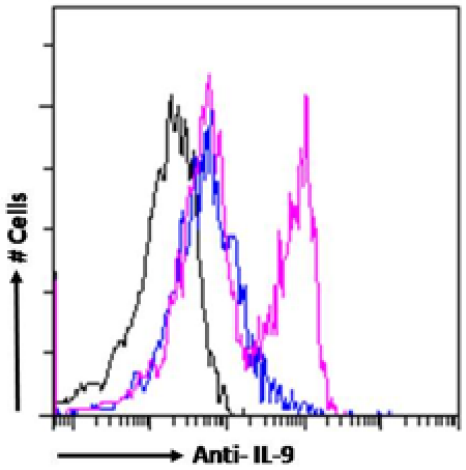
Product images:



Flow-cytometry using the Anti-IL-9 antibody RM9A4 (TA386286). 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 RM9A4 (TA386286, pink line) at a dilution of 1:100 for 1h at RT. The blue line shows unstimulated human peripheral blood leukocytes stained with TA386286. 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.