

Product datasheet for **TA386403**

Ccr9 Rat Monoclonal Antibody [Clone ID: 9B1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9B1
Applications:	FC, Neutralize
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing rats with KLH-conjugated linear peptide corresponding to the N-terminus of mouse CCR9.
Specificity:	<p>9B1 antibody recognizes CCR9 at the N-terminus. CCR9 is a member of the G protein coupled receptor family and is involved in T cell development in the thymus and in gut-associated immune response. Mouse CCR9 is highly expressed on different stages of thymocytes and upregulated on CD4+CD8+ cells.</p> <p>This antibody is recommended for the detection and analysis of CCR9 via flow cytometry (Farazuddin et al., 2019). Furthermore, it was demonstrated that this 9B1 antibody was capable of neutralizing CCR9 function, as it inhibited CCL25-induced calcium mobilization in L1.2-CCR9 cells (Rivera-Nieves et al., 2006).</p>
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:	chemokine (C-C motif) receptor 9
Database Link:	Entrez Gene 12769 Mouse Q9WUT7
Synonyms:	CC-CKR-9; CCR-9; CDw199; CMKBR9; GPR-9-6; GPR28



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