



# Anti-CCL9 polyclonal antibody [Biotin] (DPABY-553)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Macrophage inflammatory protein 1 gamma (MIP-1 gamma), also named CCF18, is constitutively expressed in macrophage, dendritic cell and myeloid cell lines. Among CC chemokine family members, mouse MIP-1 gamma shares approximately 45%, 24% and 20% amino acid sequence identity with mouse C10, mouse MIP-1 alpha, and mouse MIP-1 beta, respectively.
<b>Specificity</b>	Detects mouse CCL9/10/MIP-1 gamma in ELISAs and Western blots. In sandwich immunoassays, less than 0.02% cross-reactivity with recombinant viral (rv) MIP-I, rvMIP-II, recombinant human (rh) MIP-1 alpha, rhMIP-1 beta, rhMIP-1 delta, rhMIP-3 alpha, rhMIP-3 beta, recombinant mouse (rm) MIP-1 alpha, rmMIP-1 beta, recombinant rat MIP-3 alpha, and rmMIP-3 beta is observed.
<b>Immunogen</b>	E. coli-derived recombinant mouse CCL9/10/MIP-1 gamma . Gln22-Gln122 Accession Number Q3U9T8
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg

<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ccl9 chemokine (C-C motif) ligand 9 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CCL9
<b>Synonyms</b>	CCL9; chemokine (C-C motif) ligand 9; CCF18; MRP-2; Scya9; Scya10; C-C motif chemokine 9; MIP-1 gamma; small inducible cytokine A9; small inducible cytokine A10; macrophage inflammatory protein 1-gamma; macrophage inflammatory protein-related protein 2;
<b>Entrez Gene ID</b>	<a href="#">20308</a>
<b>Protein Refseq</b>	<a href="#">NP_035468</a>
<b>UniProt ID</b>	<a href="#">P51670</a>
<b>Chromosome Location</b>	11 C; 11 50.81 cM
<b>Pathway</b>	Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Formyl peptide receptors bind formyl peptides and many other ligands; G alpha (i) signalling events; G alpha (q) signalling events; GPCR downstream
<b>Function</b>	chemokine activity; cytokine activity;