

Product datasheet

Anti-MCP2 antibody (Biotin) ab39627

Overview

Product name	Anti-MCP2 antibody (Biotin)
Description	Rabbit polyclonal to MCP2 (Biotin)
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: Sandwich ELISA, WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant full length protein (Mouse)

Properties

Form	Lyophilised:Reconstitute to a concentration of 50µg/ml with sterile PBS solution containing 0.1% BSA
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: 0.1% BSA, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab39627** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		
WB		

Application notes	ELISA(direct): Use at a concentration of 0.15 - 0.3 µg/ml. WB: Use at a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 11 kDa.
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function	Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. May play a role in neoplasia and inflammatory host responses. This protein can bind heparin. The processed form MCP-2(6-76) does not show monocyte chemotactic activity, but inhibits the chemotactic effect most predominantly of CCL7, and also of CCL2 and CCL5 and CCL8.
Tissue specificity	Highest expression found in the small intestine and peripheral blood cells. Intermediate levels seen in the heart, placenta, lung, skeletal muscle, thymus, colon, ovary, spinal cord and pancreas. Low levels seen in the brain, liver, spleen and prostate.
Sequence similarities	Belongs to the intercrine beta (chemokine CC) family.
Post-translational modifications	N-terminal processed form MCP-2(6-76) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.
Cellular localization	Secreted.

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