

Product datasheet

Anti-Macrophage Inflammatory Protein 1 alpha / CCL3 antibody (Biotin) ab84441

Overview

Product name	Anti-Macrophage Inflammatory Protein 1 alpha / CCL3 antibody (Biotin)
Description	Goat polyclonal to Macrophage Inflammatory Protein 1 alpha / CCL3 (Biotin)
Host species	Goat
Conjugation	Biotin
Tested applications	Suitable for: ELISA, Sandwich ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Highly pure (>98%) recombinant full length Human protein

Properties

Form	Lyophilised:Centrifuge vial prior to opening. Reconstitute in 50ul sterile PBS 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	pH: 7.20 Constituent: 0.1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab84441** 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
ELISA		
Sandwich ELISA		

Application	Abreviews	Notes
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WB

Application notes	<p>ELISA: Use at a concentration of 0.25 - 1 µg/ml. Detection limit for recombinant Human protein: 0.2 - 0.4 ng/well, using 100 µl/well antibody solution.</p> <p>sELISA: Use at a concentration of 0.25 - 1 µg/ml. Detection limit for recombinant Human protein: 0.2 - 0.4 ng/well, using 100 µl/well antibody solution.</p> <p>WB: Use at a concentration of 0.1 - 0.2 µg/ml. Detection limit for recombinant Human protein: 1.5 - 3.0 ng/lane, under reducing or non-reducing conditions. Predicted molecular weight: 11 kDa.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>
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Target

Function	<p>Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).</p>
Sequence similarities	<p>Belongs to the intercrine beta (chemokine CC) family.</p>
Post-translational modifications	<p>N-terminal processed form LD78-alpha(4-69) is produced by proteolytic cleavage after secretion from HTLV1-transformed T-cells.</p>
Cellular localization	<p>Secreted.</p>

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