

# Product Datasheet

## CCL4/MIP-1 beta Antibody - BSA Free NBP1-77897

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-77897**

CCL4/MIP-1 beta Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

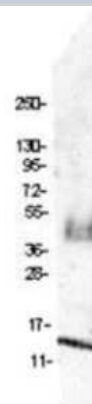
Product Description	
<b>Description</b>	<p>This product was Protein-A purified from monospecific antiserum by chromatography</p> <p>Store vial at 4C upon receipt. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Rabbit
<b>Gene ID</b>	6351
<b>Gene Symbol</b>	CCL4
<b>Species</b>	Porcine
<b>Reactivity Notes</b>	A BLAST analysis was used to suggest cross-reactivity with CCL4/MIP-1 beta from swine sources based on 100% homology with the immunizing sequence. Partial reactivity is expected against horse and panda CCL4/MIP-1 beta based on 90% homology. Cross-reactivity with CCL4/MIP-1 beta from other sources has not been determined. The swine CCL4/MIP-1 beta sequence is also 86% homologous to swine CCL3L1.
<b>Immunogen</b>	This protein-A purified CCL4/MIP-1 beta Antibody was prepared from whole rabbit serum produced by repeated immunizations with recombinant protein raised in yeast, corresponding to the 69 amino acids of the mature swine CCL4/MIP-1 beta protein. (Uniprot: Q711P4)

Product Application Details	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:5000
<b>Application Notes</b>	This protein-A purified This product has been tested by western blot and is suitable for ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 7.8 kDa in size corresponding to swine CCL4 protein by western blotting in the appropriate cell lysate or extract.



## Images

Western Blot: CCL4L1/LAG-1 Antibody [NBP1-77897] - Shows detection of recombinant swine MIP-1b (CCL4) raised in yeast. The protein was purified and resolved by SDS-PAGE, then transferred to PVDF membrane. Membrane was blocked with 3% BSA (BSA-30, diluted 1:10), and probed with 4ug/mL primary antibody overnight at 4C. After washing, membrane was probed with IRDye800 (TM) conjugated Goat Anti-Rabbit IgG at 1:20,000 for 45 min at room temperature.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35016-10ug	Recombinant Human CCL4/MIP-1 beta Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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