

Datasheet: MCA1660

Description:	MOUSE ANTI SHEEP INTERLEUKIN-8		
Specificity:	IL-8		
Other names:	CXCL8		
Format:	Purified		
Product Type:	Monoclonal Antibody		
Clone:	8M6		
Isotype:	IgG2a		
Quantity:	0.25 mg		

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry (1)	-			1/10
Immunohistology - Frozen				
Immunohistology - Paraffin				
ELISA	-			5ug/ml
Immunoprecipitation				
Western Blotting	•			
Functional Assays (2)	-			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

- (1) Membrane permeabilization is required for this application. The use of Leucoperm (Product Code <u>BUF09</u>) is recommended for this purpose.
- (2) Removal of the preservative is recommended prior to use in functional assays.

Target Species	Sheep
Species Cross	Reacts with: Dog, Rabbit, Bovine, Pig, Mustelid, Ferret, Mink, Cat
Reactivity	N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or
	personal communications from the originators. Please refer to references indicated for further information.

Product Form	Purified IgG - liquid
Preparation	Antibody purified from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% sodium azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant ovine IL-8.
External Database Links	UniProt: P36925 Related reagents Entrez Gene: 443418 IL8 Related reagents
Synonyms	CXCL8
RRID	AB_322152
Specificity	Mouse anti Ovine Interleukin-8 antibody, clone 8M6 recognizes ovine interleukin-8 (IL-8), also known as C-X-C motif chemokine 8. IL-8 is a 79 amino acid ~9-11 kDa chemoattractant for neutrophils, basophils and T-cells. IL-8 is produced by several cell types including neutrophils, monocytes and macrophages in response to inflammatory stimulation. Mouse anti ovine Interleukin-8 antibody, clone 8M6 shows no cross-reactivity with ovine IL-1 beta, IL-6, MCP-1 or TNF alpha.
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Mouse anti Sheep interleukin-8 antibody, clone 8M6 may be used in combination with AHP425 in sandwich ELISA assays for ovine IL-8.

References

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Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1660 10040
Regulatory	For research purposes only

Related Products

America

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) **RPE** Rabbit Anti Mouse IgG (STAR13...) **HRP** Rabbit Anti Mouse IgG (STAR9...) **FITC** Goat Anti Mouse IgG (H/L) (STAR117...) FITC

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL (MCA929)

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