

Datasheet: MCA3986Z

Description:	MOUSE ANTI HUMAN ALOX15:Preservative Free
Specificity:	ALOX15
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	3D8
Isotype:	IgG2a
Quantity:	0.1 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			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			0.1 - 10 ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 10 ug/ml

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) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Recombinant protein corresponding to aa 1-663 of human ALOX15.
External Database	UniProt:

Links [P16050](#) [Related reagents](#)

Entrez Gene:

[246](#) ALOX15 [Related reagents](#)

Synonyms LOG15

Fusion Partners Spleen cells from immunised Balb/c mice were fused with cells from the Sp2/0 myeloma cell line.

Specificity **Mouse anti Human ALOX15 antibody, clone 3D8** recognizes human Arachidonate 15-lipoxygenase, also known as ALOX15, 12/15-lipoxygenase, arachidonate 12-lipoxygenase, leukocyte-type, 12-LOX or arachidonate omega-6 lipoxygenase. ALOX15 is a 661 amino acid ~80 kDa lipoxygenase.

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10162 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#),
[DyLight@649](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Human Anti Mouse IgG2a (HCA037...) [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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