

# Product Datasheet

## LOX Antibody [mFluor Violet 500 SE] NB100-2527MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-2527MFV500**

LOX Antibody [mFluor Violet 500 SE]

| Product Information         |                                                                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                         |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                    |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                       |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                             |
| Isotype                     | IgG                                                                                                                                                                                                                                                                            |
| Conjugate                   | mFluor Violet 500 SE                                                                                                                                                                                                                                                           |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                                                                    |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                                |
| Host                        | Rabbit                                                                                                                                                                                                                                                                         |
| Gene ID                     | 4015                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | LOX                                                                                                                                                                                                                                                                            |
| Species                     | Human, Mouse, Rat, Porcine                                                                                                                                                                                                                                                     |
| Reactivity Notes            | Rat reactivity reported in scientific literature (PMID: 27169768). Immunogen displays the following percentage of sequence identity for non-tested species: bovine (92%), chicken (92%), xenopus (85%). Porcine reactivity reported in scientific literature (PMID: 30036726). |
| Immunogen                   | A synthetic peptide made to an internal region of the human LOX protein (within residues 200-300). [Swiss-Prot P28300].                                                                                                                                                        |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated                                                                                                                                 |
| Recommended Dilutions       | Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                         |





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### **Products Related to NB100-2527MFV500**

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|               |                               |
|---------------|-------------------------------|
| NB100-2527PEP | LOX Antibody Blocking Peptide |
| 210-TA-005    | TNF-alpha [Unconjugated]      |
| NB100-2530PEP | LOX Antibody Blocking Peptide |
| NB100-689     | COX-2 Antibody                |

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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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