

# Product Datasheet

## Fluoromount NB900-66726

Unit Size: 25 ml

Store at room temperature.

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**NB900-66726**

Fluoromount

<b>Product Information</b>	
<b>Unit Size</b>	25 ml
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at room temperature.
<b>Preservative</b>	0.05% Sodium Azide
<b>Buffer</b>	
<b>Product Description</b>	
<b>Specificity/Sensitivity</b>	Aqueous mounting medium for fluorescent staining
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	<p>This product is compatible with FITC, phycoerythrin, phycocyanin and allophycocyanin. It can also be used with other fluorescent markers such as Texas Red and rhodamine.</p> <p>Protocol Recommendations</p> <ol style="list-style-type: none"> <li>1. Mounting Procedure: Remove red tip from the bottle and cut the tip off with a sharp razor or scissors. This will help achieve a smooth flow of Fluoromount and prevent formation of tiny bubbles.</li> <li>2. Place the bottle upside down in a container before use. This will also help clear Fluoromount of bubbles.</li> <li>3. Blot excess water from the slide without letting tissue specimen dry. Make sure tissue is wet prior to mounting.</li> <li>4. Apply 2-3 drops of Fluoromount on the tissue section. Gently rotate the slide to make a thin. Make sure the tissue is completely covered.</li> <li>5. Allow Fluoromount to dry for 30-45 minutes at room temperature.</li> <li>6. Seal coverslip edges with nail polish for long term storage.</li> <li>7. Removal of Fluoromount: Fluoromount is an aqueous-based mounting medium that can easily be removed by soaking the slides in de-ionized water.</li> <li>8. Place the slide in a beaker full of de-ionized water on a magnetic stirrer.</li> <li>9. Leave the slide for few hours or overnight with gentle stirring for complete removal of dry Fluoromount.</li> </ol>



## Publications

Costiniti V, Bomfim GH, Li Y et al. Mitochondrial Function in Enamel Development Front Physiol 2020-05-29 [PMID: 32547417] (ICC/IF)

Ching JY, Huang BJ, Hsu YT, Khung YL Anti-Adhesion Behavior from Ring-Strain Amine Cyclic Monolayers Grafted on Silicon (111) Surfaces Sci Rep 2020-05-29 [PMID: 32472042] (ICC/IF)

Das V, Kroin JS, Moric M et al. Early Treatment With Metformin in a Mice Model of Complex Regional Pain Syndrome Reduces Pain and Edema Anesth. Analg. 2020-02-01 [PMID: 30801357]

Wang X Intestinal Immunity and Gut Microbiota in Aldo-keto Reductase 1 B8 Deficient Mice Thesis

England CG, Jiang D, Ehlerding EB et al. (89)Zr-labeled nivolumab for imaging of T-cell infiltration in a humanized murine model of lung cancer Eur J Nucl Med Mol Imaging 2017-08-20 [PMID: 28821924] (IF/IHC, Mouse)

Kang Lei, Jiang Dawei, Ehlerding Emily B et al. Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. Molecular Pharmaceutics 2018-03-20 [PMID: 29537283] (IF/IHC)

Wilson KD, Ochoa LF, Solomon OD et al. Elimination of intravascular thrombi prevents early mortality and reduces gliosis in hyper-inflammatory experimental cerebral malaria J Neuroinflammation 2018-06-04 [PMID: 29866139] (IF/IHC)

Satyanarayanan SK, Shih YH, Chien YC, Huang SY. Anti-Oxidative Effects of Melatonin Receptor Agonist and Omega-3 Polyunsaturated Fatty Acids in Neuronal SH-SY5Y Cells: Deciphering Synergic Effects on Anti-Depressant Mechanisms. Mol. Neurobiol. 2018-02-03 [PMID: 29397559] (IF/IHC, Human)

England CG, Jiang D, Hernandez R et al. ImmunoPET Imaging of CD146 in Murine Models of Intrapulmonary Metastasis of Non-Small Cell Lung Cancer Mol Pharm 2017-08-22 [PMID: 28825843] (ICC/IF, FLOW, Human)

Sirbulescu RF, Boehm CK, Soon E et al. Mature B cells accelerate wound healing after acute and chronic diabetic skin lesions Wound Repair Regen 2017-09-18 [PMID: 28922523] (IF/IHC)

Das V, Kroin JS, Moric M, Buvanendran A. Biochemical and Pharmacological Characterization of a Mice Model of Complex Regional Pain Syndrome. Reg Anesth Pain Med 2017-06-13 [PMID: 28609318] (IHC-P, Human)

Eckstein M, Vaeth M, Fornai C et al. Store-operated Ca(2+) entry controls ameloblast cell function and enamel development. JCI Insight. 2017-03-23 [PMID: 28352661] (IF/IHC, Mouse)

More publications at <http://www.novusbio.com/NB900-66726>



## Procedures

### **Immunohistochemistry-Paraffin protocol for Fluoromount (NB900-66726)**

#### Mounting Procedure (NB900-66726):

1. Remove the red tip from the bottle and cut the tip off with a sharp razor or scissors. This will help achieve smooth flow of Fluoromount and prevent formation of tiny bubbles.
2. Place the bottle upside down in a container before using. This will help clear Fluoromount of tiny bubbles.
3. Blot excess water from the slide without letting tissue dry. Make sure the tissue is wet prior to mounting.
4. Apply 2-3 drops of Fluoromount on the tissue section and gently apply a cover slip. Allow to dry for 30-45 minutes at room temperature. Seal edges of the coverslip with nail polish for long term storage.

#### **Removal of Fluoromount (NB900-66726)**

Fluoromount is an aqueous-based mounting medium and can easily be removed by soaking slides in deionized water. Place slide in a beaker full of deionized water on a magnetic stirrer. Leave the slide stirring in water for few hours or overnight for complete removal of dry Fluoromount.





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