

Datasheet: BUF058B

BATCH NUMBER 170030

Description:	PERMANENT AQUEOUS MOUNTING MEDIUM
Name:	AQUEOUS MOUNTING MEDIUM
Format:	Ready To Use
Product Type:	Accessory Reagent
Quantity:	100 ml

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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			

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.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Product Information

Permanent aqueous mounting medium is a unique aqueous-based mounting medium designed for the permanent preservation of tissue sections and cell smears which have been immunohistochemically stained with chromogens which cannot be dehydrated with organic solvents.

This mounting media is suitable for use with peroxidase and alkaline phosphatase chromogens, Fast red, BCIP/NBT, BCIP/INT, Aminoethylcarbazole (AEC) and DAB/DAB with cobalt and nickel chromogens, and is also compatible Nuclear fast red (NFR) counterstains.

Permanent aqueous mounting medium is not suitable for use with Haematoxylin and Eosin (H and E), Methylene blue or Methyl green counterstains. Use is also not advised on frozen tissue sections with a high lipid content such as brain, or tissue sections undergoing necrosis.

Instructions For Use

Ensure product is at room temperature before use.

Do not use non-polar solvent on samples prior to applying this medium.

1. Rinse slide for mounting with distilled or deionized water, touch-dry slide edges on paper towel and place slide on flat surface.
2. Invert vial and open dropper to remove air bubbles.
3. Apply 3-4 drops of mounting medium directly onto specimen and tilt slide back and forth to distribute evenly. A plastic pipette tip may also be used for spreading, taking care not to damage specimen. Remove excess medium by touching slide edges on paper towel.
4. Leave slide to stand for 1-2 hours at room temperature (25°C). Alternatively slide can be heated for 40-60 minutes at 37-40°C.

Mounted slide can now be visualized under a microscope:

1. For oil immersion lens, the oil can be dropped directly onto the mounted specimen, once the mounting medium has dried. A coverslip is not required. The oil can be later removed by wiping with Kim wipes.

OR

2. For oil immersion lens, apply 1-2 drops of preferred organic mounting medium on top of dried mounted specimen and cover with coverslip.

To remove coverslip or mounting medium, soak the slide for 5-10 minutes in warm water (37°C) until medium is dissolved. Give slide final rinse in warm water. Remount if required.

References

1. Wheeler, J.L. *et al.* (2013) Novel cellular targets of AhR underlie alterations in neutrophilic inflammation and inducible nitric oxide synthase expression during influenza virus infection. [J Immunol. 190 \(2\): 659-68.](#)
2. Mbita, Z. *et al.* (2015) The association of RBBP6 variant 3 expressions with apoptosis in human immunodeficiency virus-associated nephropathy (HIVAN). [Exp Mol Pathol. 99 \(1\): 74-80.](#)
3. Brunnström, Å *et al.* (2015) On the biosynthesis of 15-HETE and eoxin C4 by human airway epithelial cells. [Prostaglandins Other Lipid Mediat. 121 \(Pt A\): 83-90.](#)
4. Srutkova, D. *et al.* (2015) *Bifidobacterium longum* CCM 7952 Promotes Epithelial Barrier Function and Prevents Acute DSS-Induced Colitis in Strictly Strain-Specific Manner. [PLoS One. 10 \(7\): e0134050.](#)
5. Love, J.D. *et al.* (2015) Microsomal Triglyceride Transfer Protein (MTP) Associates with Cytosolic Lipid Droplets in 3T3-L1 Adipocytes. [PLoS One. 10 \(8\): e0135598.](#)
6. Wu C *et al.* (2015) Non-immune immunoglobulins shield *Schistosoma japonicum* from host immunorecognition. [Sci Rep. 5: 13434.](#)
7. Dlamini, Z. *et al.* (2019) RBBP6 Is Abundantly Expressed in Human Cervical Carcinoma and May Be Implicated in Its Malignant Progression. [Biomark Cancer. 11: 1179299X19829149.](#)

8. Dlamini, Z. *et al.* (2021) Genomics and molecular analysis of RPL9 and LIAS in lung cancer: Emerging implications in carcinogenesis [Informatics in Medicine Unlocked. 25: 100698.](#)
9. Lai, H.J. *et al.* (2020) Electrophysiological parameters that contribute to the pathogenesis of familial amyloid polyneuropathy caused by transthyretin mutations. [J Neurol Sci. 413: 116810.](#)

Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10113 available at: https://www.bio-rad-antibodies.com/SDS/BUF058B
Regulatory	For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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