

Product datasheet

Tissue Clearing Blocking Buffer ab243304

Overview

Product name	Tissue Clearing Blocking Buffer
Tested applications	Suitable for: Histology
General notes	<p>Tissue Clearing Blocking Buffer ab243304 is part of our range of tissue clearing reagents and products that enable you to set up tissue clearing easily and quickly.</p> <p>The protocols are simple and use standard laboratory equipment, and can be used with immunostaining, fluorescent proteins and chemical dyes. Clearing is reversible so that you can treat your sample for conventional H&E or IHC staining after 3D imaging.</p> <p>To learn more, please review the tissue clearing kit or guide to tissue clearing.</p> <p>To help you get started with tissue clearing, we have tissue clearing validated antibodies. Validated antibodies are for key markers, such as NeuN, GFAP, Iba1, etc, and are tested for tissue clearing with 1 mm mouse brain sections.</p> <p>If you want to set up tissue clearing on a sample type that we haven't tested or to use your own antibodies, please consult the protocol book for the tissue clearing kit.</p> <p>The clearing reagents were developed with Visikol Inc, who developed the Visikol® HISTO™ clearing technology which is the basis of our reagents.</p> <p>Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.</p>

Properties

Form	Liquid
Storage instructions	Shipped at Room Temperature. Store at +4°C.
Storage buffer	Constituents: 0.2% Triton-X-100, 10% DMSO, 83.8% PBS, 6% Normal Donkey Serum
Relevance	The goal for tissue clearing is making large, fixed biological samples transparent. "Large" in this case means thick sections of tissue, whole organoids, entire organs or even entire young rats, ranging in thickness from around 100 µm to several centimeters. Typically, samples of this size are not transparent, and are therefore difficult to analyze using visible wavelengths of light with a microscope. Tissue clearing involves a series of chemical steps that render a large sample transparent.

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of **ab243304** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Histology		Use at an assay dependent concentration.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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