

## Ce3D™ Permeabilization/Blocking Buffer

<b>Catalog# / Size</b>	427705 / 15 mL 427706 / 50 mL
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	Clearing-enhanced 3D
<b>Description</b>	Ce3D™ Permeabilization/Blocking Buffer is a ready-to-use buffer especially formulated for use with Ce3D™ tissue clearing reagent for 3D IHC application.

### Product Details

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<b>Storage &amp; Handling</b>	The buffer solution should be stored between 2°C and 8°C.
<b>Application</b>	<a href="#">IHC-F - Quality tested</a> <a href="#">3D IHC - Verified</a>
<b>Recommended Usage</b>	The Ce3D™ Wash buffer is used at 500 µL per test size (500 µm thick tissue) to cover the tissue.

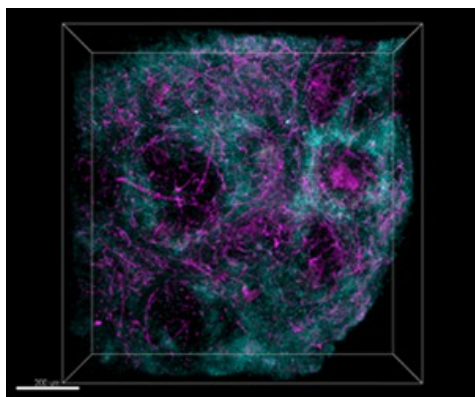
### Antigen Details

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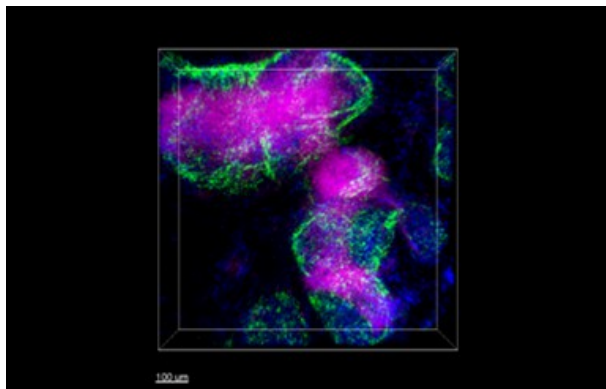
<b>Gene ID</b>	NA
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### Product Data

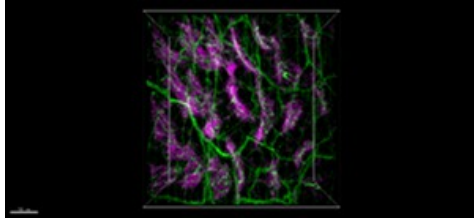
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Paraformaldehyde-fixed (4%), 500 µm-thick mouse spleen section was processed according to the Ce3D™ Tissue Clearing Kit protocol (Cat. No. 480401). The section was anti-mouse CD172a (SIRPα) (clone P84) Alexa Fluor® 594 at 5 µg/mL (cyan), and anti-mouse CD200 (OX2) (clone OX-90) Alexa Fluor® 647 at 5 µg/mL (magenta). The section was then optically cleared and mounted in a sample chamber. The image was captured with a 10X objective using Zeiss 780 confocal microscope and processed by Imaris image analysis software. [Watch the video.](#)



Paraformaldehyde-fixed (4%), 500 µm-thick mouse spleen section was processed according to the Ce3D™ Tissue Clearing Kit protocol (Cat. No. 480401). The section was costained with anti-mouse CD169 (Siglec-1) (clone 3D6.112) Alexa Fluor® 488 at 5 µg/mL (green), anti-mouse I-A/I-E (clone M5/114.15.2) Alexa Fluor® 594 at 5 µg/mL (blue), and anti-mouse CD3ε (clone KT3.1.1) Alexa Fluor® 647 at 5 µg/mL (magenta). The section was then optically cleared and mounted in a sample chamber. The image was captured with a 10X objective using Zeiss 780 confocal microscope and processed by Imaris image analysis software. [Watch the video.](#)



Paraformaldehyde-fixed (4%), mouse intestine section was processed according to the Ce3D™ Tissue Clearing Kit protocol (Cat. No. 480401). The section was costained with anti-Tubulin  $\beta$  3 (TUBB3) (clone TUJ1) Alexa Fluor® 594 at 5  $\mu$ g/mL (green), and anti-mouse CD45 (clone 30-F11) Alexa Fluor® 647 at 5  $\mu$ g/mL (magenta). The section was then optically cleared and mounted in a sample chamber. The image was captured with a 20X objective using Zeiss 780 confocal microscope and processed by Imaris image analysis software. [Watch the video.](#)

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BioLegend Inc., 8999 BioLegend Way, San Diego, CA 92121 [www.biolegend.com](http://www.biolegend.com)  
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587