

Product datasheet

Anti-CD15 antibody [FUT4/815] - BSA and Azide free  
ab269770

1 Image

Overview

<b>Product name</b>	Anti-CD15 antibody [FUT4/815] - BSA and Azide free
<b>Description</b>	Mouse monoclonal [FUT4/815] to CD15 - BSA and Azide free
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD15. Purified human neutrophils.
<b>Positive control</b>	IHC-P - Human Hodgkin's Lymphoma tissue.
<b>General notes</b>	<p>ab269770 is a carrier free version of <a href="#">ab220182</a>.</p> <p>Our <a href="#">carrier-free</a> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <a href="#">conjugation kits</a> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	purified from Bioreactor Concentrate
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	FUT4/815
<b>Isotype</b>	IgM
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab269770 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

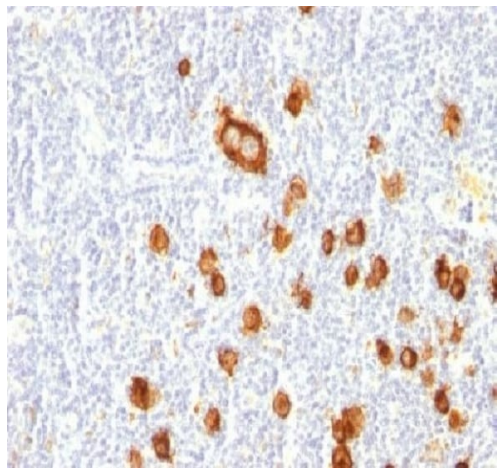
Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

## Target

**Relevance** CD15 is a carbohydrate adhesion molecule (and not a protein) that mediates phagocytosis and chemotaxis. Synthesis is directed by FUT4 in lymphoid cells and mature granulocytes, and by FUT9 in promyelocytes and monocytes.

**Cellular localization** Golgi Apparatus; Membrane-bound form in trans cisternae of Golgi.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD15 antibody (ab269770)

Immunohistochemical analysis of formalin fixed, paraffin embedded Human Hodgkin's Lymphoma tissue labeling CD15 with [ab220182](#) at 1 µg/ml.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab220182](#)).

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

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