

Product datasheet

Anti-CD57 antibody [HNK-1 or Leu-7] - BSA and Azide free ab212403

1 Image

Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-CD57 antibody [HNK-1 or Leu-7] - BSA and Azide free   |
| <b>Description</b>         | Mouse monoclonal [HNK-1 or Leu-7] to CD57 - 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<br><b>Does not react with:</b> Rat   |
| <b>Immunogen</b>           | Tissue, cells or virus corresponding to Human CD57. Human peripheral blood mononuclear cells.  |
| <b>Positive control</b>    | CCRF-CEM cells; Human lymph node or tonsil tissue.   |
| <b>General notes</b>       | <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 the problem with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation.</p> <p>One factor contributing to the crisis is the use of antibodies that are not suitable. This can lead to misleading results and the use of incorrect data informing project assumptions and direction. To help address this challenge, we have introduced an application and species grid on our primary antibody datasheets to make it easy to simplify identification of the right antibody for your needs.</p> <p>Learn more <a href="#">here</a>.</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<br>Constituent: 100% PBS  |
| <b>Carrier free</b>         | Yes   |
| <b>Purity</b>               | Protein A/G purified  |
| <b>Purification notes</b>   | ab212403 is purified from Bioreactor Concentrate by Protein A/G.  |
| <b>Clonality</b>            | Monoclonal  |

|                         |                |
|-------------------------|----------------|
| <b>Clone number</b>     | HNK-1 or Leu-7 |
| <b>Isotype</b>          | IgM            |
| <b>Light chain type</b> | kappa          |

## Applications

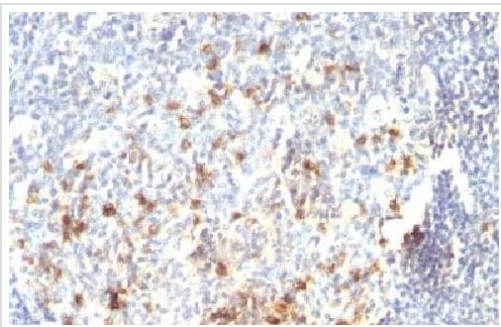
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of **ab212403** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| IHC-P       |           | Use a concentration of 2 - 4 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. for 30 minutes at RT |

## Target

**Relevance** CD57 is a carbohydrate epitope that contains a sulfoglucuronyl residue in several adhesion molecules of the nervous system. Is is created by Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 (B3GAT1) The CD57 antigen is present on subsets of T cells and natural killer cells.

## Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human tonsil tissue labeling CD57 with ab212403 at 4µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD57 antibody [HNK-1 or Leu-7] - BSA and Azide free (ab212403)

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

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