

## Product datasheet

### Anti-CD57 antibody [NK/804] ab220187

[2 References](#) [1 Image](#)

#### Overview

---

<b>Product name</b>	Anti-CD57 antibody [NK/804]
<b>Description</b>	Mouse monoclonal [NK/804] to CD57
<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>Does not react with:</b> Rat
<b>Immunogen</b>	Recombinant full length protein corresponding to Human CD57. Database link: <a href="#">Q9P2W7</a>
<b>Positive control</b>	Human 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 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 Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.05% BSA
<b>Purification notes</b>	ab220187 is purified from Bioreactor Concentrate.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	NK/804
<b>Isotype</b>	IgM
<b>Light chain type</b>	kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab220187 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

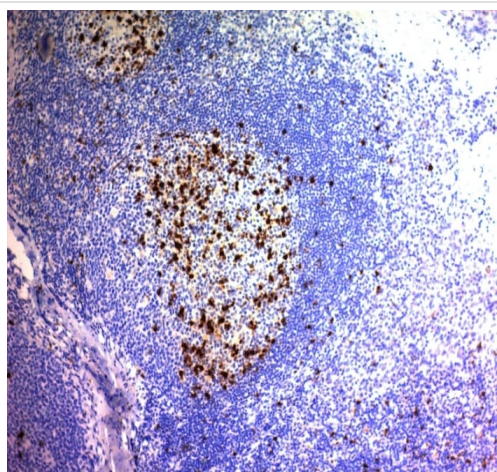
Application	Abreviews	Notes
IHC-P		Use a concentration of 2 - 4 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. for 30 minutes at RT

## 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-B3GAT1 antibody  
[NK/804] (ab220187)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling B3GAT1 with ab220187 at 4 µg/mL for 30 minutes at room temperature. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at room temperature for 20 minutes.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- 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
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors