

Datasheet for ABIN3031376  
**anti-Integrin beta 2 antibody (AA 17-382)**

## 6 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Integrin beta 2 (ITGB2)
Binding Specificity:	AA 17-382
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Human partial recombinant protein (AA 17-382) was used as the immunogen for this MAC-1 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	Integrin beta 2 (ITGB2)
Alternative Name:	MAC-1 ( <a href="#">ITGB2 Products</a> )
Background:	Macrophage-1 alpha (MAC-1) or CD11b are glycoproteins encoded by the ITGAM gene. It is mapped to 16p11.2. MAC-1 has a role in vascular repair after mechanical arterial injury. It is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as

## Target Details

well as in mediating the uptake of complement-coated particles. Additionally, it likely recognizes the R-G-D peptide in C3b, and it is also a receptor for fibrinogen, factor X and ICAM1.

Gene ID: 3684

Pathways: [NF-kappaB Signaling](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#), [Activated T Cell Proliferation](#)

## Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the MAC-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

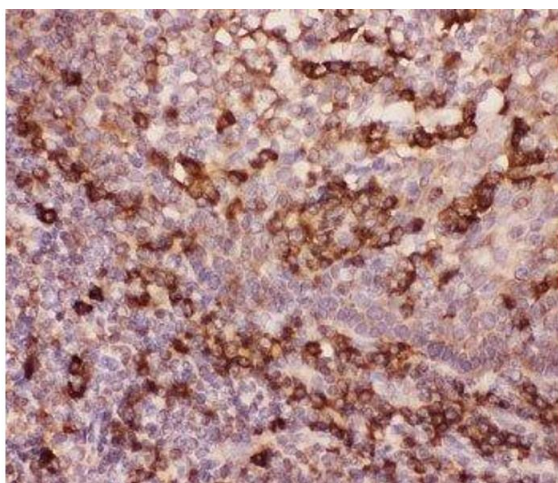
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

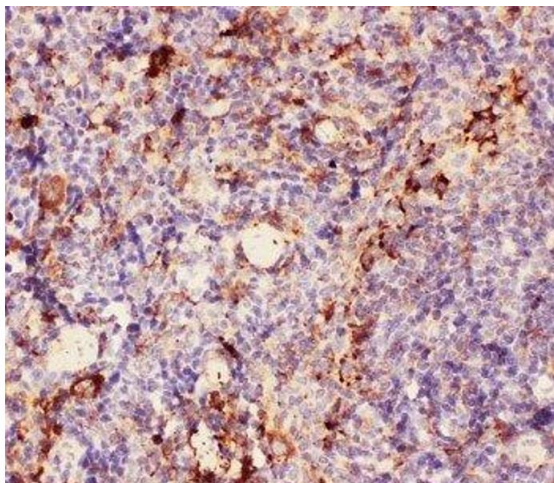
Storage Comment: After reconstitution, the MAC-1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



### Immunohistochemistry

**Image 1.** IHC-P: MAC-1 antibody testing of human tonsil tissue



#### Immunohistochemistry

**Image 2.** IHC-P: MAC-1 antibody testing of mouse spleen tissue



#### Western Blotting

**Image 3.** Western blot testing of MAC-1 antibody and recombinant human protein (0.5ng)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3031376.