




# Anti-CD204 antibody ab217843

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## Overview

<b>Product name</b>	Anti-CD204 antibody
<b>Description</b>	Rabbit polyclonal to CD204
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide within Human CD204 aa 200-300 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements. Database link: <a href="#">P21757</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	Human glioma and esophageal cancer tissues. Human colon carcinoma lysates.
<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: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab217843 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
WB		1/100 - 1/1000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

### Function

Membrane glycoproteins implicated in the pathologic deposition of cholesterol in arterial walls during atherogenesis. Two types of receptor subunits exist. These receptors mediate the endocytosis of a diverse group of macromolecules, including modified low density lipoproteins (LDL). Isoform III does not internalize acetylated LDL.

### Tissue specificity

Isoform I, isoform II and isoform III are expressed in monocyte-derived macrophages.

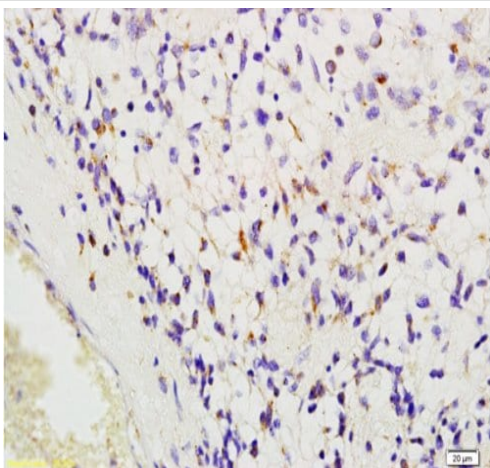
### Sequence similarities

Contains 1 collagen-like domain.  
Contains 1 SRCR domain.

### Cellular localization

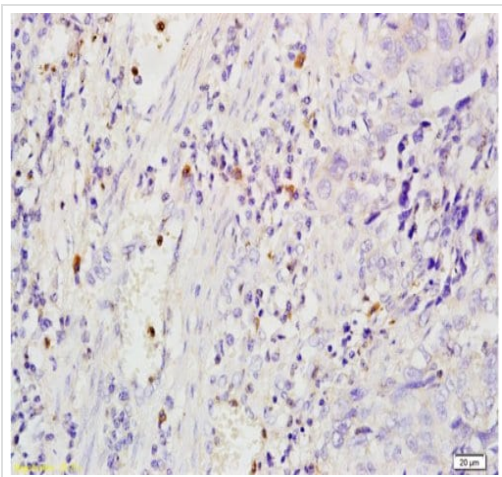
Membrane.

## Images



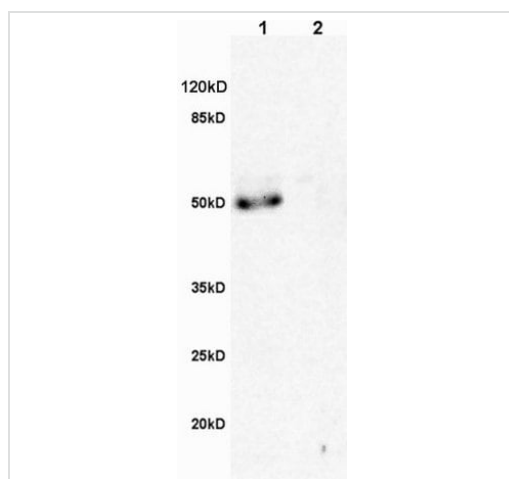
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD204 antibody (ab217843)

Immunohistochemical analysis of formalin-fixed paraffin-embedded Human glioma tissue, labeling CD204 using ab217843 at a 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD204 antibody (ab217843)

Immunohistochemical analysis of formalin-fixed paraffin-embedded Human esophageal cancer tissue, labeling CD204 using ab217843 at a 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.



Western blot - Anti-CD204 antibody (ab217843)

**All lanes :** Anti-CD204 antibody (ab217843) at 1/200 dilution

**Lane 1 :** Human colon carcinoma lysates

**Lane 2 :** rat brain lysates

#### Secondary

**All lanes :** goat anti-rabbit IgG antibody (H+L) HRP-conjugated at 1/3000 dilution

Developed using the ECL technique.

**Predicted band size:** 41 kDa

**Observed band size:** 41 kDa

12% gel

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

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