


## Product datasheet

### Anti-CD81 antibody ab155760

★ ★ ★ ★ ★ [3 Abreviews](#) [13 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-CD81 antibody
<b>Description</b>	Rabbit polyclonal to CD81
<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, Rat, Cow, Pig 
<b>Immunogen</b>	Recombinant fragment within Human CD81 aa 86-236. The exact sequence is proprietary. Database link: <a href="#">P60033</a>
<b>Positive control</b>	K562 and Lung Papillary Adenocarcinoma 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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155760 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	★★★★★ (2)	1/500 - 1/3000. Predicted molecular weight: 25 kDa.
IHC-P	★★★★★ (1)	1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively Tris-EDTA buffer (pH8.0) may be used.

## Target

### Function

May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May acts a the viral receptor for HCV.

### Tissue specificity

Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.

### Involvement in disease

Defects in CD81 are the cause of immunodeficiency common variable type 6 (CVID6) [MIM:613496]; also called antibody deficiency due to CD81 defect. CVID6 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.

### Sequence similarities

Belongs to the tetraspanin (TM4SF) family.

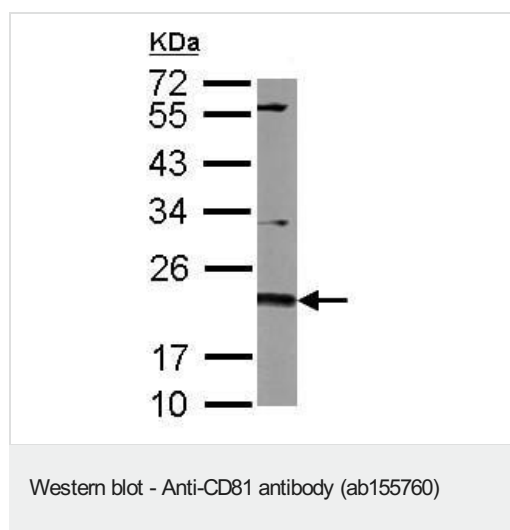
### Post-translational modifications

Not glycosylated.

### Cellular localization

Membrane.

## Images

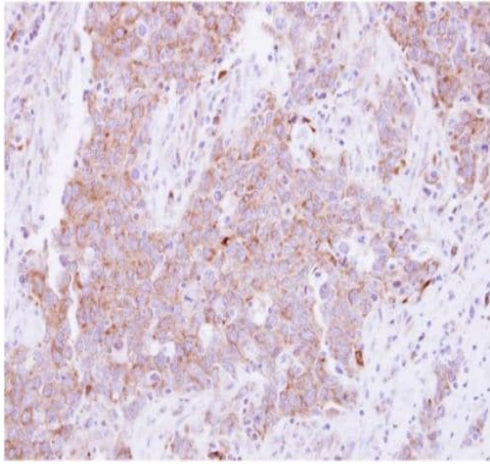


Anti-CD81 antibody (ab155760) at 1/1000 dilution + K562 whole cell lysate at 30 µg

**Predicted band size:** 25 kDa

12% SDS PAGE.

Secondary antibody - **anti-rabbit HRP (ab6721)**



Immunohistochemical analysis of paraffin-embedded Lung Papillary Adenocarcinoma tissue labeling CD81 with ab155760 at 1/250 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD81 antibody (ab155760)

**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

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