

**Anti-CD208 Antibody**  
Rabbit polyclonal antibody to CD208  
Catalog # AP61217

## Specification

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### Anti-CD208 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">O9UQV4</a>
Other Accession	<a href="#">O7TST5</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44346

### Anti-CD208 Antibody - Additional Information

Gene ID 27074

#### Other Names

DCLAMP; TSC403; Lysosome-associated membrane glycoprotein 3; LAMP-3; Lysosomal-associated membrane protein 3; DC-lysosome-associated membrane glycoprotein; DC LAMP; Protein TSC403; CD208

#### Target/Specificity

Recognizes endogenous levels of CD208 protein.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

#### Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### Anti-CD208 Antibody - Protein Information

Name LAMP3

Synonyms DCLAMP, TSC403

#### Function

Lysosomal membrane glycoprotein which plays a role in the unfolded protein response (UPR) that contributes to protein degradation and cell survival during proteasomal dysfunction (PubMed: [25681212](http://www.uniprot.org/citations/25681212)). Plays a role in the process of fusion of the lysosome with the autophagosome, thereby modulating the autophagic process (PubMed: [24434718](http://www.uniprot.org/citations/24434718))

target="\_blank">24434718</a>). Promotes hepatocellular lipogenesis through activation of the PI3K/Akt pathway (PubMed:<a href="http://www.uniprot.org/citations/29056532" target="\_blank">29056532</a>). May also play a role in dendritic cell function and in adaptive immunity (PubMed:<a href="http://www.uniprot.org/citations/9768752" target="\_blank">9768752</a>).

#### Cellular Location

Cell surface. Lysosome membrane; Single-pass type I membrane protein. Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Early endosome membrane; Single-pass type I membrane protein. Note=During dendritic cell maturation, detected on cytoplasmic vesicles (the MHC II compartment) that contain MHC II proteins, LAMP1, LAMP2 and LAMP3 (PubMed:9768752). Detected on lysosomes in mature dendritic cells (PubMed:9768752).

#### Tissue Location

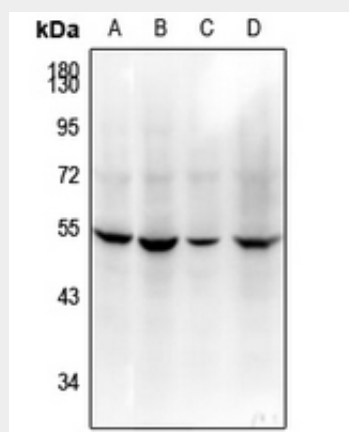
Detected in tonsil interdigitating dendritic cells, in spleen, lymph node, Peyer's patches in the small intestine, in thymus medulla and in B-cells (at protein level). Expressed in lymphoid organs and dendritic cells. Expressed in lung. Up-regulated in carcinomas of the esophagus, colon, rectum, ureter, stomach, breast, fallopian tube, thyroid and parotid tissues

#### Anti-CD208 Antibody - Protocols

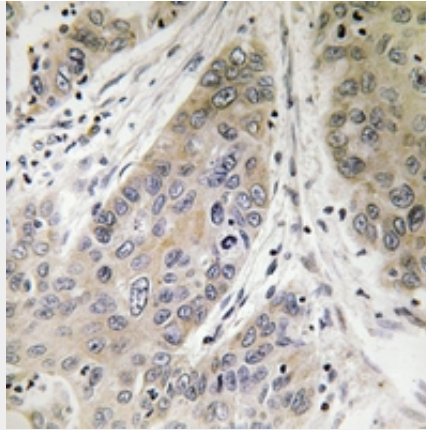
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-CD208 Antibody - Images



Western blot analysis of CD208 expression in PC3 (A), A2780 (B), PMVEC (C), Raw264.7 (D) whole cell lysates.



Immunohistochemical analysis of CD208 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Anti-CD208 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD208. The exact sequence is proprietary.