# CD11c Rabbit PolymAb®

Catalog No.: A28244PM



### **Basic Information**

#### **Observed MW**

145 kDa

#### **Calculated MW**

128 kDa

### Category

Primary antibody

### **Applications**

WB,IF-P,IHC-P,ELISA

#### **Cross-Reactivity**

Human

### **Background**

This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene.

### **Recommended Dilutions**

**WB** 1:5000 - 1:10000

**IF/ICC** 1:200 - 1:400

IHC-P 1:2000 - 1:8000

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements. For highratio antibody dilutions (≥1:10000)□a sequential dilution method is strongly recommended to ensure measurement

accuracy.

### Immunogen Information

**Gene ID Swiss Prot** 3687 P20702

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

CD11C; SLEB6

### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

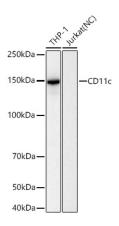
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Contact

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Western blot analysis of various lysates using CD11c Rabbit PolymAb® (A28244PM) at 1:5000 dilution incubated overnight at 4°C.

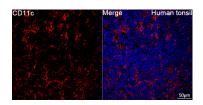
 $Secondary\ antibody:\ HRP\text{-}conjugated\ Goat\ anti-Rabbit\ IgG\ (H+L)\ (AS014)\ at\ 1:10000\ dilution.$ 

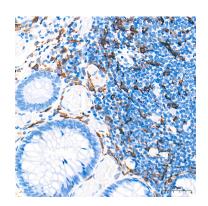
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020). Negative control (NC): Jurkat.

Exposure time: 30 s.



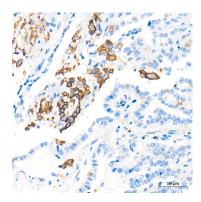


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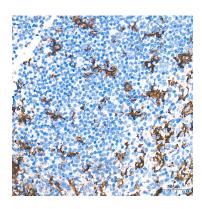
Confocal imaging of paraffin-embedded Human tonsil tissue using CD11c Rabbit PolymAb® (A28244PM, dilution 1:200) followed by a further incubation with Cysconjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Immunohistochemistry analysis of paraffinembedded Human colon tissue using CD11c Rabbit PolymAb® (A28244PM) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffinembedded Human lung tissue using CD11c Rabbit PolymAb® (A28244PM) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human thyroid cancer tissue using CD11c Rabbit PolymAb® (A28244PM) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil tissue using CD11c Rabbit PolymAb® (A28244PM) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.