

# CD102

Purified Mouse Monoclonal Antibody  
Catalog # AO2720a

## Product Information

---

<b>Application</b>	WB, IHC, ICC, E
<b>Primary Accession</b>	<a href="#">P13598</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	6B9G10
<b>Isotype</b>	Mouse IgG1
<b>Calculated MW</b>	30654
<b>Immunogen</b>	Purified recombinant fragment of human CD102 (AA: extra 25-223) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

---

<b>Gene ID</b>	3384
<b>Other Names</b>	ICAM2
<b>Dilution</b>	WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	CD102 is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	ICAM2
<b>Function</b>	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein. Cell projection, microvillus {ECO:0000250 UniProtKB:P35330}. Note=Co-localizes with RDX, EZR and MSN

## References

1.Curr Opin Hematol. 2015 Jan;22(1):53-9. 2.BMC Cancer. 2013 May 28;13:261.

## Images

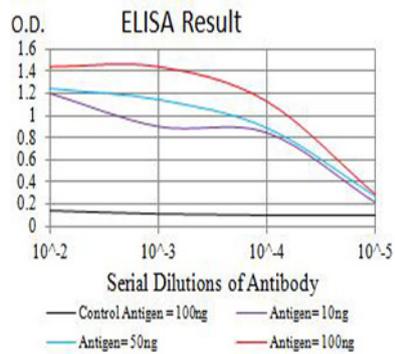


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

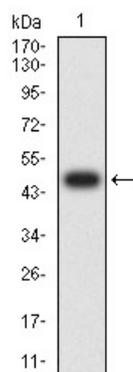


Figure 3:Western blot analysis using CD102 mAb against human CD102 (AA: extra 25-223) recombinant protein. (Expected MW is 48 kDa)

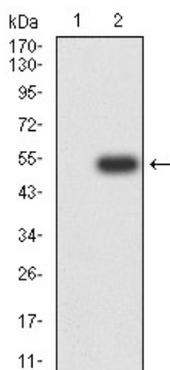
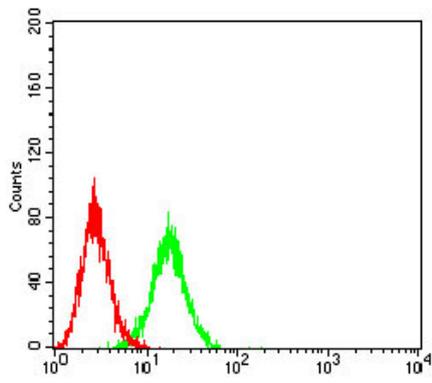


Figure 4:Western blot analysis using CD102 mAb against HEK293 (1) and CD102 (AA: extra 25-223)-hIgGfc transfected HEK293 (2) cell lysate.

Figure 2:Flow cytometric analysis of Ramos cells using CD102 mouse mAb (green) and negative control (red).



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.