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CD102

Purified Mouse Monoclonal Antibody
Catalog # AO2719a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P13598
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	7A6E11
Isotype	Mouse IgG1
Calculated MW	30654
Immunogen	Purified recombinant fragment of human CD102 (AA: extra 25-223) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3384
Other Names	ICAM2
Dilution	WB~~ 1/500 - 1/2000 IHC~~ 1/200 - 1/1000 ICC~~N/A E~~ 1/10000
Storage	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.
Precautions	CD102 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ICAM2
Function	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.
Cellular Location	Membrane; Single-pass type I membrane protein. Cell projection, microvillus {ECO:0000250|UniProtKB:P35330}. Note=Co-localizes with RDX, EZR and MSN

in microvilli. {ECO:0000250|UniProtKB:P35330}

References

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

Images

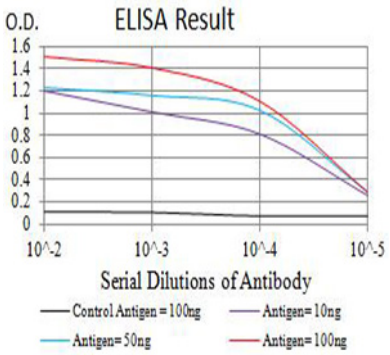


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

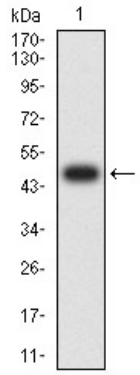


Figure 5:Western blot analysis using CD102 mAb against human CD102 (AA: extra 25-223) recombinant protein. (Expected MW is 48 kDa)

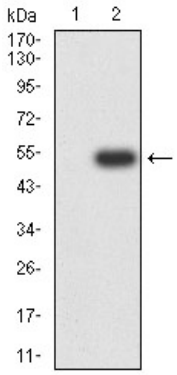
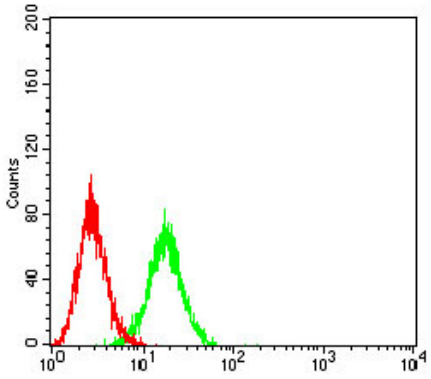


Figure 6:Western blot analysis using CD102 mAb against HEK293 (1) and CD102 (AA: extra 25-223)-hIgGFc transfected HEK293 (2) cell lysate.

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



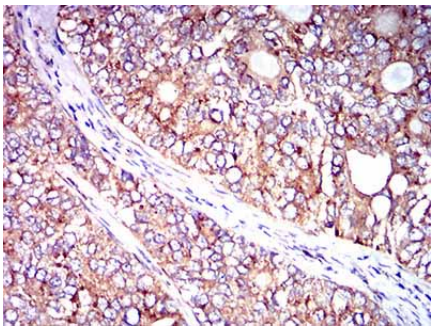
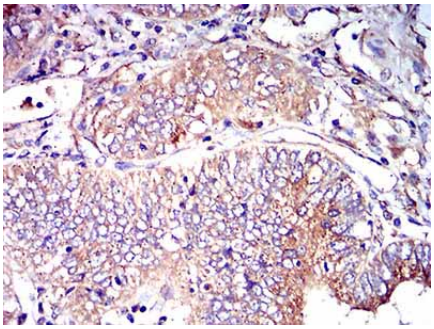


Figure 3:Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD102 mouse mAb with DAB staining.



1/200 - 1/1000