Rabbit Anti-CD166/ALCAM [EPR2759(2)]: RM0275, RM0275RTU7

Intended Use: For Research Use Only

Description: Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system. Expressed in Spleen, placenta, and weakly in liver. Expressed by activated T-cells, B-cells, monocytes and thymic epithelial cells. Expressed by neurons in the brain. Restricted expression in tumor cell lines. Preferentially expressed in highly metastasizing melanoma cell lines.

Specifications:

Clone:	EPR2759(2)
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human, mouse, rat
Localization:	Membrane
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, Flow Cyt., ICC/IF, IP, WB

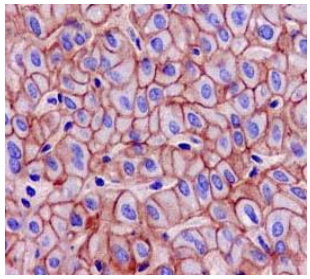
Package:

Description	Catalog No.	Size
CD166/ALCAM Concentrated	RM0275	1 ml
CD166/ALCAM Prediluted	RM0275RTU7	7 ml

IHC Procedure*:

Positive Control Tissue:	Liver, prostatic adenocarcinoma
Concentrated Dilution:	10-30
Pretreatment:	Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes Using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human liver stained with anti-CD166 using DAB

References:

1. Isolation of a recombinant antibody specific for a surface marker of the corneal endothelium by phage display. Dorfmueller S, et al. Sci Rep 6:21661, 2016.
2. Shp2 regulates chlorogenic acid-induced proliferation and adipogenic differentiation of bone marrow-derived mesenchymal stem cells in adipogenesis. Zhou RP, et al. Mol Med Rep 11:4489-95, 2015.
3. Honokiol inhibits melanoma stem cells by targeting notch signaling. Kaushik G, et al. Mol Carcinog 54:1710-21, 2015.
4. Generation of novel monoclonal antibodies for the enrichment and characterization of human corneal endothelial cells (hCENC) necessary for the treatment of corneal endothelial blindness. Ding V, et al. MAbs 6:1439-52, 2014.

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