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CD146 Rabbit mAb

货号: AYM30324

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	57kDa/71kDa
实测分子量	72kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,A375,HUVEC,Mouse lung,Mouse uterus
细胞定位	Membrane,Single-pass type I membrane protein
纯化	Affinity purification

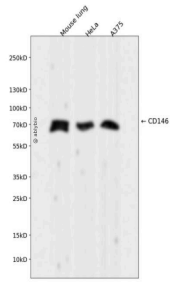
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CD146.

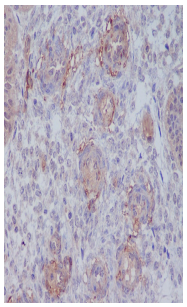
靶点信息

研究背景	Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vas cular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular sy stem, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.
基因ID	4162
基因名	MCAM
Swiss	P43121 (https://www.uniprot.org/uniprotkb/P43121/entry)
别名	CD146,CD146 Rabbit mAb,MCAM,Cell surface glycoprotein P1H12,Melanoma cell adhesion molecule,Mela noma-associated antigen A32,Melanoma-associated antigen MUC18,S-endo 1 endothelial-associated anti gen,MUC18

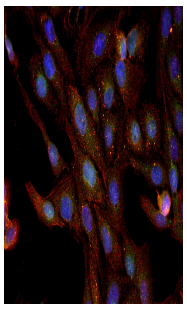
产品验证



Western blot analysis of CD146 expressed in Mouse lung,HeLa,A375 using CD146 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human uterus, using CD146 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab CD146 Rabbit mAb and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 co njugated goat.The nuclear counter stain is DAPI.

实验步骤

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