

CEACAM1 (4R8) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01791

Product information

产品货号	HZ-YMA01791
产品名称	CEACAM1 (4R8) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CEACAM1/CEACAM6/CEACAM8/CEACAM3
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	634;4680;1084;1088
Human Swissprot No.	P13688;P40199;P40198;P31997
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200
参考分子量	130-170kDa
预测分子量	58kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	This gene encodes a member of the carcinoembryonic antigen (CEA) gene family , which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family , the CEA cell adhesion molecules and the pregnancy-specific glycoproteins , are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently , it was found to be a cell-cell adhesion molecule detected on leukocytes , epithelia , and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein , including roles in the differentiation and arrangement of tissue three

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细胞定位

[Isoform 1]: Cell membrane ; Single-pass type I membrane protein . Lateral cell membrane . Apical cell membrane . Basal cell membrane . Cell junction . Cell junction , adherens junction . Canalicular domain of hepatocyte plasma membranes. Found as a mixture of monomer , dimer and oligomer in the plasma membrane. Occurs predominantly as cis-dimers and/or small cis-oligomers in the cell junction regions. Found as dimer in the solution. Predominantly localized to the lateral cell membranes. .; [Isoform 2]: Secreted .; [Isoform 3]: Secreted .; [Isoform 4]: Secreted .; [Isoform 5]: Cell membrane; Single-pass type I membrane protein.; [Isoform 6]: Cell membrane; Single-pass type I membrane protein.; [Isoform 7]: Cell membrane; Single-pass type I membrane protein.; [Isoform 8]: Cell membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle , secretory vesicle membrane . Lateral cell membrane . Apical cell membrane . Basal cell membrane . Cell junction . Cell junction , adherens junction . Predominantly localized to the lateral cell membranes. Found as a mixture of monomer , dimer and oligomer in the plasma membrane. Occurs predominantly as cis-dimers and/or small cis-oligomers in the cell junction regions (By similarity) . Co-localizes with ANXA2 in secretory vesicles and with S100A10/p11 at the plasma membrane (PubMed:14522961) . .; Cell projection , microvillus membrane ; Single-pass type I membrane protein . Apical cell membrane ; Single-pass type I membrane protein . Localized to the apical glycocalyx surface (PubMed:10436421) . Colocalizes with CEACAM20 at the apical brush border of intestinal cells. .

纯化

Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.

Clonality

Monoclonal