

CD98 (1T9) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01755

Product information

产品货号	HZ-YMA01755
别名	SLC3A2;MDU1;4F2 cell-surface antigen heavy chain;4F2hc;4F2 heavy chain antigen;Lymphocyte activation antigen 4F2 large subunit;CD98
产品名称	CD98 (1T9) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	SLC3A2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	6520
Human Swissprot No.	P08195
稀释度	IHC-P 1:200-1:1000;WB 1:500-1:2000;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	68kDa
预测分子量	68kDa
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 is a member of the solute carrier family and encodes a cell surface , transmembrane protein. The protein exists as the heavy chain of a heterodimer , covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants , encoding different isoforms , have been characterized. [provided by RefSeq , Nov 2010] ,
细胞定位	Apical cell membrane . Cell membrane ; Single-pass type II membrane protein . Cell junction . Lysosome membrane . Melanosome . Localized at the plasma membrane when associated with SLC7A5/LAT1 or SLC7A8/LAT2 (PubMed:9751058 , PubMed:11311135) . Localized to the apical membrane of placental syncytiotrophoblastic cells (PubMed:11742812) . Recruited to lysosomes by LAPTM4B (PubMed:25998567) . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065) . Located selectively at cell-cell adhesion sites (By similarity) . Colocalized with SLC7A8/LAT2 at the basolateral membrane of kidney proximal tubules and small intestine epithelia. Expressed in both luminal and abluminal membranes of brain capillary endothelial cells (By similarity) . .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal