

Slc22A17 Antibody FITC Conjugated

Catalog No: #C00278F

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Description

Product Name	Slc22A17 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 500-538 538 derived from human SLC22A17
Conjugates	FITC
Target Name	Slc22A17
Other Names	BOCT; BOIT; 24p3R; NGALR; hBOIT; NGALR2; NGALR3; Solute carrier family 22 member 17; 24p3 receptor; Brain-type organic cation transporter; Lipocalin-2 receptor; Neutrophil gelatinase-associated lipocalin receptor; SLC22A17
Accession No.	Swiss-Prot#Q8WUG5NCBI Gene ID51310
Uniprot	Q8WUG5
GeneID	51310;
Excitation Emission	494nm 518nm
Cell Localization	Cell membrane
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Cell surface receptor for LCN2 (24p3) that plays a key role in iron homeostasis and transport. Able to bind iron-bound LCN2 (holo-24p3), followed by internalization of holo-24p3 and release of iron, thereby increasing intracellular iron concentration and leading to inhibition of apoptosis. Also binds iron-free LCN2 (apo-24p3), followed by internalization of apo-24p3 and its association with an intracellular siderophore, leading to iron chelation and iron transfer to the extracellular medium, thereby reducing intracellular iron concentration and resulting in apoptosis (By similarity).

Note: This product is for in vitro research use only