

For Research Use Only

CoraLite® Plus 488-conjugated GALE Monoclonal antibody



Catalog Number: CL488-67772

Basic Information

Catalog Number: CL488-67772	GenBank Accession Number: BC050685	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2582	CloneNo.: 3F2C2
Source: Mouse	UNIPROT ID: Q14376	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Full Name: UDP-galactose-4-epimerase	
Immunogen Catalog Number: AG6571	Calculated MW: 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
Species Specificity:
Human

Background Information

GALE (Galactowaldenase) is also named as UDP-glucose 4-epimerase, UDP-galactose 4-epimerase, and belongs to the sugar epimerase family. UDP-galactose 4-epimerase catalyzes the interconversion of UDP-glucose and UDP-galactose during normal galactose metabolism. In humans, deficiencies in this enzyme lead to the complex disorder referred to as epimerase-deficiency galactosemia (PMID:10801319). It can exist as a homodimer (PMID:8931134).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data