

For Research Use Only

CoraLite®594-conjugated Mu Crystallin Polyclonal antibody



Catalog Number:CL594-12495

Basic Information

Catalog Number: CL594-12495	GenBank Accession Number: BC018061	Purification Method: Antigen affinity purification
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1428	Recommended Dilutions: IF 1:200-1:800
Source: Rabbit	Full Name: crystallin, mu	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Isotype: IgG	Calculated MW: 314 aa, 34 kDa	
Immunogen Catalog Number: AG3161	Observed MW: 34 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : human gliomas tissue,
Species Specificity: human, mouse, rat	

Background Information

mu Crystallin(thiomorpholine-carboxylate dehydrogenase) is also named as THBP, CRYM, ketimine reductase and belongs to the ornithine cyclodeaminase family. This protein catalyzes the reduction of imine bonds in brain substrates that may include cystathionine ketimine (CysK) and lanthionine ketimine (LK). It is also involved in the regulation of the free intracellular concentration of triiodothyronine and access to its nuclear receptor.

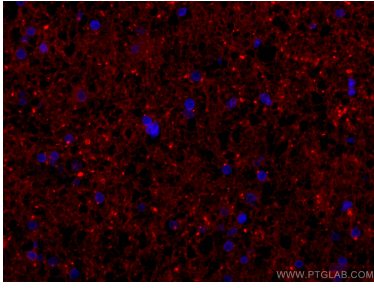
Storage

Storage:
Store at -20°C. Avoid exposure to light.
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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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human gliomas tissue using CoraLite®594-conjugated Mu Crystallin antibody (CL594-12495) at dilution of 1:400.