

For Research Use Only

CoraLite® Plus 488-conjugated LOXL2 Monoclonal antibody



Catalog Number:CL488-67139

Basic Information

Catalog Number: CL488-67139	GenBank Accession Number: BC000594	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4017	CloneNo.: 1H7F1
Source: Mouse	Full Name: lysyl oxidase-like 2	Recommended Dilutions: WB 1:500-1:1000
Isotype: IgG2a	Calculated MW: 774 aa, 87 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28566	Observed MW: 100 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : A549 cells, human placenta tissue
Species Specificity: Human	

Background Information

LOXL2, also named as WS9-14, belongs to an amine oxidase family whose members have been implicated in crosslink formation in stromal collagens and elastin, cell motility, and tumor development and progression. LOXL2 activity might be a crucial modulator of Snail, providing an additional control mechanism of EMT and tumor progression. Increased LOXL2 expression in colon and esophageal cancer may contribute to tumor progression. We detected a band about 100 kd which is a secretory mature LOXL2 protein modified by glycosylation (PMID: 24014025).

Storage

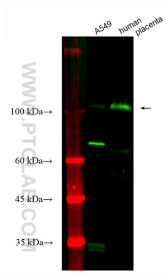
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-67139 (LOXL2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.