

KD-Validated Anti-CRYZL1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2012

Product Information

Application	WB
Primary Accession	O95825
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	24GB7960
Calculated MW	38697
Gene Name	CRYZL1
Aliases	CRYZL1; Crystallin Zeta Like 1; QOH-1; 4P11; FERRY4; Fy-4; Crystallin, Zeta (Quinone Reductase)-Like 1; Quinone Oxidoreductase-Like Protein 1; Quinone Oxidoreductase Homolog 1; Quinone Reductase-Like 1; Zeta-Crystallin Homolog; Protein 4P11; Ferry Endosomal RAB5 Effector Complex Subunit 4; EC 1.-.-.-
Immunogen	Recombinant protein of human CRYZL1

Additional Information

Gene ID	9946
Other Names	Quinone oxidoreductase-like protein 1, 1.-.-.-, Ferry endosomal RAB5 effector complex subunit 4, Fy-4, Protein 4P11, Quinone oxidoreductase homolog 1, QOH-1, Zeta-crystallin homolog, CRYZL1, 4P11, FERRY4 {ECO:0000303 PubMed:37267905}

Protein Information

Name	CRYZL1 (HGNC:2420)
Function	Component of the FERRY complex (Five-subunit Endosomal Rab5 and RNA/ribosome intermediary) (PubMed: 37267905 , PubMed: 37267906). The FERRY complex directly interacts with mRNAs and RAB5A, and functions as a RAB5A effector involved in the localization and the distribution of specific mRNAs most likely by mediating their endosomal transport. The complex recruits mRNAs and ribosomes to early endosomes through direct mRNA-interaction (PubMed: 37267905).
Cellular Location	Early endosome.
Tissue Location	Ubiquitous.