

Anti-ESYT2 / E-Syt2 Antibody (clone 1E10)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17808

Product Information

Application	WB, IHC-P, E
Primary Accession	A0FGR8
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	1E10
Calculated MW	102357
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	57488
Alias Symbol	ESYT2
Other Names	ESYT2, CHR2SYT, Chr2 synaptotagmin, FAM62B, KIAA1228, E-Syt2, Extended synaptotagmin-2
Target/Specificity	Human ESYT2
Reconstitution & Storage	Protein A purified
Precautions	Anti-ESYT2 / E-Syt2 Antibody (clone 1E10) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ESYT2 (HGNC:22211)
Synonyms	FAM62B, KIAA1228
Function	Tethers the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane. Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport. Plays a role in FGF signaling via its role in the rapid internalization of FGFR1 that has been activated by FGF1 binding; this occurs most likely via the AP- 2 complex. Promotes the localization of SACM1L at endoplasmic reticulum-plasma membrane contact sites (EPCS) (PubMed: 27044890).
Cellular Location	Cell membrane; Peripheral membrane protein. Endoplasmic reticulum

membrane; Multi-pass membrane protein. Note=Localizes to endoplasmic reticulum-plasma membrane contact sites (EPCS) (PubMed:23791178, PubMed:27044890, PubMed:29469807, PubMed:30220461). Recruited to the cell membrane via the third C2 domain (PubMed:17360437)

Tissue Location

Widely expressed with high level in cerebellum.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.