

Anti-ESYT2 / E-Syt2 Antibody (clone 1E10)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17808**Specification**

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

Application	WB, IHC-P, E
Primary Accession	A0FGR8
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	102357
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

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

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

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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