10320 Camino Santa Fe, Suite G
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STX5 / Syntaxin 5 Antibody (clone 5A6)

Mouse Monoclonal Antibody

Catalog # ALS13402

Specification

STX5 / Syntaxin 5 Antibody (clone 5A6) - Product Information

Application	**WB, IF**
Primary Accession	Q13190
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**40kDa KDa**

STX5 / Syntaxin 5 Antibody (clone 5A6) - Additional Information

Gene ID 6811

Other Names
Syntaxin-5, STX5, STX5A

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
STX5 / Syntaxin 5 Antibody (clone 5A6) is for research use only and not for use in diagnostic or therapeutic procedures.

STX5 / Syntaxin 5 Antibody (clone 5A6) - Protein Information

Name STX5

Synonyms STX5A

Function
Mediates endoplasmic reticulum to Golgi transport. Together with p115/USO1 and GM130/GOLGA2, involved in vesicle tethering and fusion at the cis-Golgi membrane to maintain the stacked and inter- connected structure of the Golgi apparatus.

Cellular Location
Endoplasmic reticulum-Golgi intermediate compartment membrane {ECO:0000250|UniProtKB:Q08851}; Single-pass type IV membrane protein. Golgi apparatus membrane. Note=Localizes throughout the Golgi apparatus, but most abundant in the cis-most cisternae

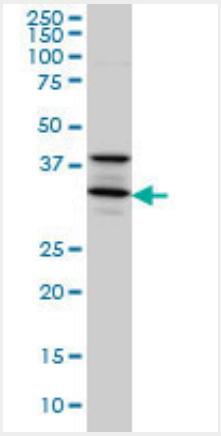
STX5 / Syntaxin 5 Antibody (clone 5A6) - Protocols

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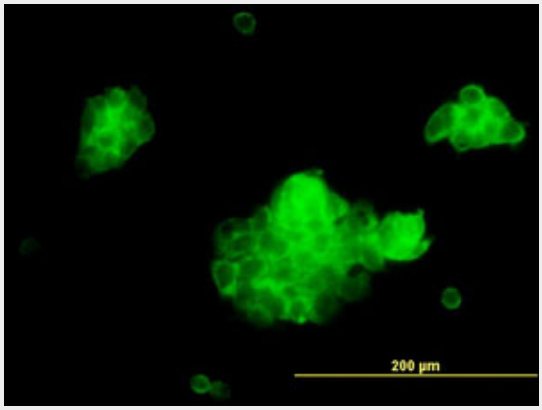
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

STX5 / Syntaxin 5 Antibody (clone 5A6) - Images



STX5A monoclonal antibody clone 5A6 Western blot of STX5A expression in A-431.



Immunofluorescence of monoclonal antibody to STX5A on A-431 cell (antibody concentration 10 ug/ml).

STX5 / Syntaxin 5 Antibody (clone 5A6) - Background

Mediates endoplasmic reticulum to Golgi transport.

STX5 / Syntaxin 5 Antibody (clone 5A6) - References

Ravichandran V.,et al.J. Mol. Neurosci. 8:159-161(1997).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Taylor T.D.,et al.Nature 440:497-500(2006).

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