

SNX10 (5V11) Mouse Monoclonal antibody
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Catalog # AP93870

Specification

SNX10 (5V11) Mouse Monoclonal antibody - Product Information

Application	WB, IHC
Primary Accession	O9Y5X0
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Calculated MW	23598

SNX10 (5V11) Mouse Monoclonal antibody - Additional Information

Gene ID 29887

Other Names

Sorting nexin-10, SNX10

Storage Conditions

-20°C

SNX10 (5V11) Mouse Monoclonal antibody - Protein Information

Name SNX10

Function

Probable phosphoinositide-binding protein involved in protein sorting and membrane trafficking in endosomes. Plays a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium. Required for the localization to the cilium of V-ATPase subunit ATP6V1D and ATP6V0D1, and RAB8A. Involved in osteoclast differentiation and therefore bone resorption.

Cellular Location

Cytoplasm. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=May also localize to nucleus and endoplasmic reticulum

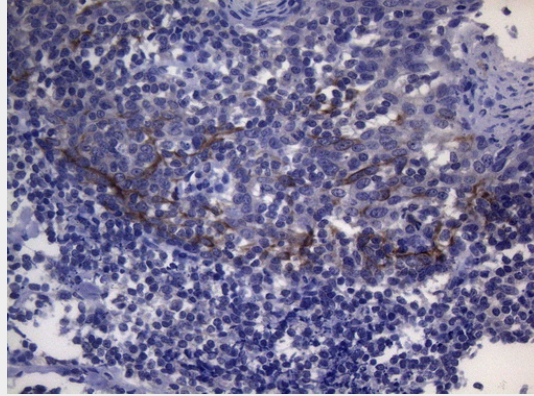
SNX10 (5V11) Mouse Monoclonal antibody - Protocols

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

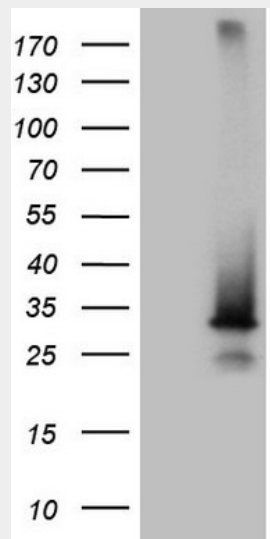
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SNX10 (5V11) Mouse Monoclonal antibody - Images



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-SNX10 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, AP93870) (1:150)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SNX10 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNX10 (Cat# AP93870)(1:2000). Positive lysates (100ug) and (20ug) can be purchased separately from biodragon.

SNX10 (5V11) Mouse Monoclonal antibody - Background

This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like some family members. This gene may play a role in regulating endosome homeostasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]