

**FAM125A Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22249a**

**Specification**

**FAM125A Antibody (N-Term) - Product Information**

Application	IF, WB, FC,E
Primary Accession	<a href="#">Q96EY5</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	28783

**FAM125A Antibody (N-Term) - Additional Information**

**Gene ID** 93343

**Other Names**

Multivesicular body subunit 12A, CIN85/CD2AP family-binding protein, ESCRT-I complex subunit MVB12A, Protein FAM125A, MVB12A, CFBP, FAM125A

**Target/Specificity**

This FAM125A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 16-50 amino acids from human FAM125A.

**Dilution**

IF~~1:25  
WB~~1:2000  
FC~~1:25

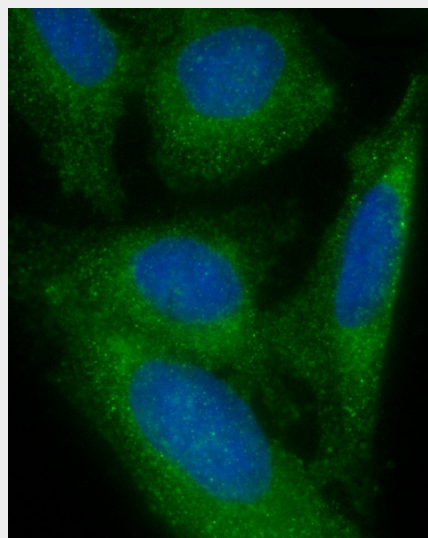
**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling FAM125A with AP22249a at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and nucleus staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

FAM125A Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### FAM125A Antibody (N-Term) - Protein Information

**Name** MVB12A

**Synonyms** CFBP, FAM125A

#### Function

Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in the ligand-mediated internalization and down-regulation of EGF receptor.

#### Cellular Location

Cytoplasm. Nucleus. Endosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Late endosome membrane; Peripheral membrane protein  
Note=Colocalizes with F-actin. Some fraction may be nuclear

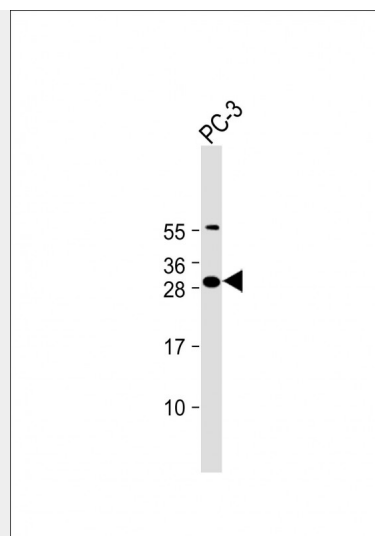
#### Tissue Location

Ubiquitously expressed except in skeletal muscle.

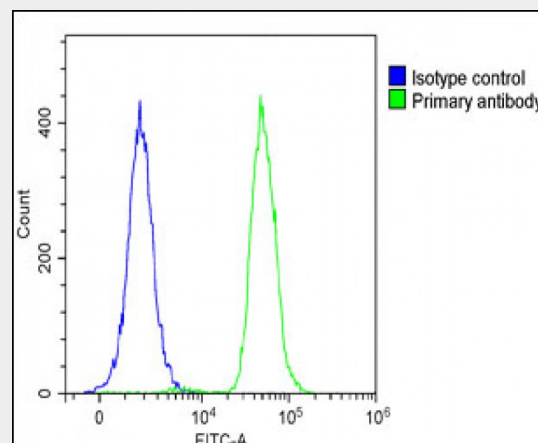
#### FAM125A Antibody (N-Term) - Protocols

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-FAM125A Antibody (N-Term) at 1:2000 dilution + PC-3 whole cell lysate  
Lysates/proteins at 20 µg per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 29 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing A431 cells stained with AP22249a (green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

**FAM125A Antibody (N-Term) - Background**

Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in the ligand-mediated internalization and down- regulation of EGF receptor.

**FAM125A Antibody (N-Term) - References**

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Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).  
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