

**Anti-SEC23 Monoclonal Antibody**  
Catalog # ABO14640**Specification****Anti-SEC23 Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	<a href="#">Q15436</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-SEC23 Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human.

**Anti-SEC23 Monoclonal Antibody - Additional Information**

**Gene ID** 10484

**Other Names**

Protein transport protein Sec23A, hSec23A, SEC23-related protein A, SEC23A (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=10701" target="\_blank">HGNC:10701</a>)

**Application Details**

WB 1:1000-1:5000<br>FC 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human SEC23 Component of the COPII coat, that covers ER-derived vesicles involved in transport from the endoplasmic reticulum to the Golgi apparatus.

**Purification**

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-SEC23 Monoclonal Antibody - Protein Information**

**Name** SEC23A ([HGNC:10701](#))

**Function**

Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex. Required for the translocation of insulin-induced glucose transporter SLC2A4/GLUT4 to the cell membrane (By similarity).

**Cellular Location**

Cytoplasmic vesicle, COPII-coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytosol. Note=Enriched at endoplasmic reticulum exit sites, also known as transitional endoplasmic reticulum (tER)

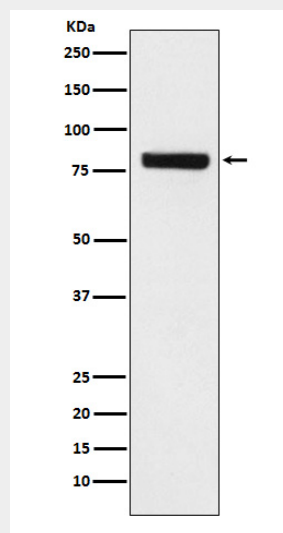
**Tissue Location**

Ubiquitously expressed.

**Anti-SEC23 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](#)

**Anti-SEC23 Monoclonal Antibody - Images**

Western blot analysis of SEC23 expression in HeLa cell lysate.