



## SEC23B (m): 293T Lysate: sc-127518

### BACKGROUND

COPII-coated vesicles form on the endoplasmic reticulum (ER) by the stepwise recruitment of three cytosolic components: Sar1-GTP to initiate coat formation, Sec23/24 heterodimer to select SNARE and cargo molecules, and Sec13/31 to induce coat polymerization and membrane deformation. Sec23A is the functional human counterpart of the yeast COPII component Sec23p, which suggests that it plays a similar role in mammalian protein export from the ER. Mouse Sec23 is most abundant in brain and fibroblasts.

### REFERENCES

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### CHROMOSOMAL LOCATION

Genetic locus: Sec23b (mouse) mapping to 2 G1.

### PRODUCT

SEC23B (m): 293T Lysate represents a lysate of mouse SEC23B transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

### APPLICATIONS

SEC23B (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive SEC23B antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

### RESEARCH USE

For research use only, not for use in diagnostic procedures.

### STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

### PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.