



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Myo18A/Myosin XVIII A Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_510880.2

Catalog No. A301-597A

GeneID 399687

Lot No. A301-597A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Myo18A/Myosin XVIII A immobilized on solid support.

The epitope recognized by A301-597A maps to a region between residue 300 and 350 of human myosin 18A using the numbering given in entry NP\_510880.2 (GeneID 399687).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot Not recommended. A301-597A has not performed satisfactorily when used for WB of Myo18A/Myosin XVIII A in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of Myo18A/Myosin XVIII A.

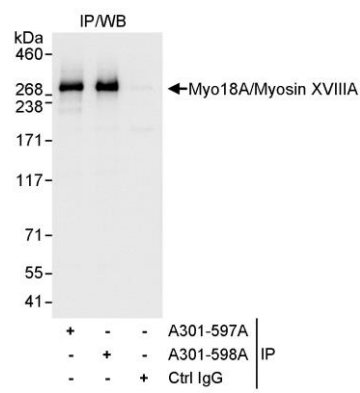
Immunoprecipitation 2 – 5 µg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-597A>

Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



**Detection of human Myo18A/Myosin XVIII A by western blot of immunoprecipitates.** *Samples:* RIPA whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Myo18A/Myosin XVIII A antibody A301-597A used for IP at 3 µg/mg lysate. Myo18A/Myosin XVIII A was also immunoprecipitated by rabbit anti-Myo18A/Myosin XVIII A antibody A301-598A, which recognizes a downstream epitope. For blotting immunoprecipitated Myo18A/Myosin XVIII A, A301-597A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.