

Nitrotryptophan Antibody
Nitrotryptophan Antibody, Clone 4F8
Catalog # ASM10347**Specification**

Nitrotryptophan Antibody - Product Information

Application	WB, ICC, E
Host	Mouse
Isotype	IgG2b
Clonality	Monoclonal

Description

Mouse Anti-6-Nitrotryptophan (NW) Monoclonal IgG2b

Target/Specificity

Specific for 6-Nitrotryptophan modified proteins. Does not cross-react with 7-Ketochololesterol modified proteins.

Other Names

6-Nitrotryptophan Antibody, Nitrotryptophan (NW) Antibody, Nitrotryptophan Antibody, NW Antibody, 6-NO₂-Trp Antibody

Trademark

MOLECULAR SIGNATURE®

Immunogen

Synthetic 6-Nitrotryptophan modified Keyhole Limpet Hemocyanin (KLH).

Purification

Protein G Purified

Storage

-20°C

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.9% Sodium Azide

Shipping Temperature

Blue Ice or 4°C

Certificate of Analysis

A 1:1000 dilution of SMC-519 was sufficient for detection of 6-Nitrotryptophan in 1 µg of 6-Nitrotryptophan conjugated to BSA by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary Antibody.

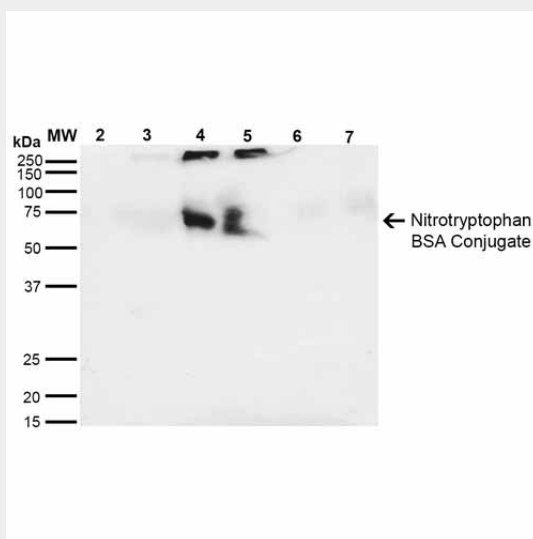
Nitrotryptophan Antibody - Protocols

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](#)

Nitrotryptophan Antibody - Images



Western Blot analysis of 6-Nitrotryptophan-BSA Conjugate showing detection of 67 kDa 6-Nitrotryptophan-BSA using Mouse Anti-6-Nitrotryptophan Monoclonal Antibody, Clone 4F8 (ASM10347). Lane 1: Molecular Weight Ladder (MW). Lane 2: BSA (0.5 µg). Lane 3: BSA (1 µg). Lane 4: 6-Nitrotryptophan-BSA (0.5 µg). Lane 5: 6-Nitrotryptophan-BSA (1 µg). Lane 6: 7-Ketocholesterol-BSA (0.5 µg). Lane 7: 7-Ketocholesterol-BSA (1 µg). Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-6-Nitrotryptophan Monoclonal Antibody (ASM10347) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: Luminol for 1 min. Predicted/Observed Size: 67 kDa.