

Dityrosine Antibody

Dityrosine Antibody, Clone 10A6

Catalog # ASM10349

Specification

Dityrosine Antibody - Product Information

Application	WB
Host	Mouse
Isotype	IgG1
Clonality	Monoclonal
Description	
Mouse Anti-Dityrosine (DT) Monoclonal IgG1	

Target/Specificity

Specific for dityrosine modified proteins.
Does not cross-react with
3,5-dibromotyrosine or bromotyrosine
modified proteins.

Other Names

Dityrosine Antibody, Dityrosine (DT)
Antibody, DT Antibody, DY Antibody

Trademark	MOLECULAR SIGNATURE®
-----------	---------------------------------

Immunogen

Synthetic Dityrosine conjugated to Keyhole
Limpet Hemocyanin (KLH).

Purification

Protein G Purified

Storage	-20°C
---------	--------------

Storage Buffer

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

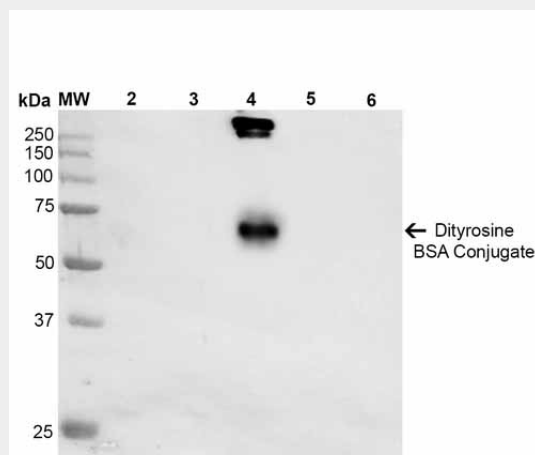
Shipping Temperature	Blue Ice or 4°C
-------------------------	------------------------

Certificate of Analysis

A 1:1000 dilution of SMC-521 was sufficient
for detection of dityrosine in 1 µg of
Dityrosine conjugated to BSA by ECL
immunoblot analysis using Goat Anti-Mouse
IgG:HRP as the secondary Antibody.

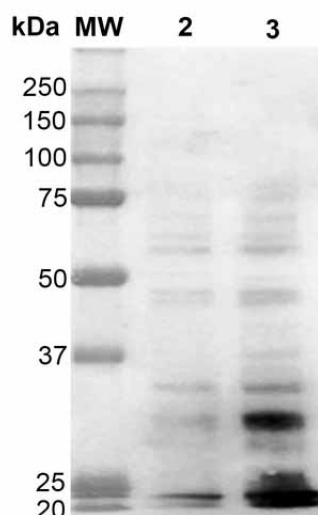
Dityrosine Antibody - Protocols

Provided below are standard protocols that you
may find useful for product applications.



Western Blot analysis of Dityrosine-BSA
Conjugate showing detection of 67 kDa
Dityrosine-BSA using Mouse Anti-Dityrosine
Monoclonal Antibody, Clone 10A6
(ASM10349). Lane 1: Molecular Weight
Ladder (MW). Lane 2: BSA. Lane 3:
3,5-Dibromotyrosine-BSA. Lane 4:
Dityrosine-BSA. Lane 5: Bromotyrosine-BSA.
Lane 6: 7-ketocholesterol-BSA. Load: 1 µg.
Block: 5% Skim Milk in TBST. Primary
Antibody: Mouse Anti-Dityrosine Monoclonal
Antibody (ASM10349) 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: ECL solution for 5 min in RT.
Predicted/Observed Size: 67 kDa.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



Western Blot analysis of Human Cervical Cancer cell line (HeLa) showing detection of Dityrosine-BSA using Mouse Anti-Dityrosine Monoclonal Antibody, Clone 10A6 (ASM10349). Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa cell lysate. Lane 3: H2O2 treated HeLa cell lysate. Load: 12 µg. Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-Dityrosine Monoclonal Antibody (ASM10349) 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: ECL solution for 5 min in RT.