

Product Datasheet

Separase Antibody (XJ11-1B12) - BSA Free NB100-439

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB100-439

Separase Antibody (XJ11-1B12) - BSA Free

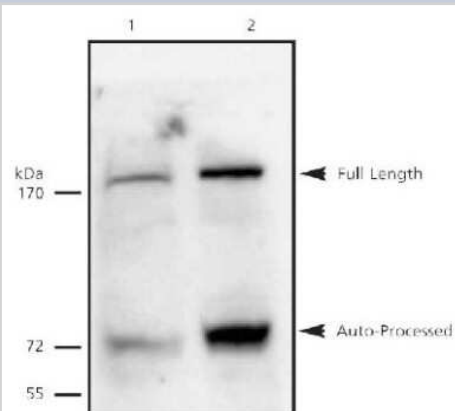
Product Information	
Unit Size	0.1 ml
Concentration	0.9 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	XJ11-1B12
Preservative	0.1% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Separase Antibody (XJ11-1B12) - BSA Free (NB100-439) is a monoclonal antibody validated for use in WB. Anti-Separase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9700
Gene Symbol	ESPL1
Species	Human
Immunogen	Maltose-Binding Protein fusion of a C-terminal fragment of human Separase (residues 1866-1996). [UniProt# Q14674]

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500
Application Notes	This Separase (XJ11-1B12) antibody is useful for Western Blot, where a band is seen at ~220 kDa (full-length form) and ~65 kDa (auto-processed form).

Images

Western Blot: Separase Antibody (XJ11-1B12) [NB100-439] - Separase detected in 5C6 cell lysates using NB 100-439. Lane 1: Non-induced lysate. Lane 2: Lysate induced with ponasterone.

**Publications**

Sun Y, Kucej M, Fan HY et al. Separase is recruited to mitotic chromosomes to dissolve sister chromatid cohesion in a DNA-dependent manner. Cell 2009-04-03 [PMID: 19345191] (Human)

Procedures

Western Blot protocol for Separase Antibody (NB100-439)

Separase Antibody (XJ11-1B12):

1. Load protein on gel (ie: ~15 ug of Ecdysone-inducible cell line 5C6) and run.
2. Transfer protein to nitrocellulose (Schleicher&Schuell, cat# BA83).
3. Block the membrane with 5% milk for 30 minutes at room temperature.
4. Incubate the membrane with anti-separase [cat# NB 100-439] (1:500), overnight at 4C or 2 h at room temperature. Milk or PBS-T are good for this dilution.
5. Wash the membrane 3 times, 10 minutes per wash in PBS with 0.1% Tween-20 (PBS-T).
6. Incubate with secondary antibody for 30 minutes at room temperature. Use milk in PBS-T as a diluent.
7. Rinse the membrane 2 times with deionized water and place in an ECL working solution.
8. Expose to the film.





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Products Related to NB100-439

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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