

Product Datasheet

Acrosin Antibody (ACR-2) - BSA Free NB500-419

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-419

Acrosin Antibody (ACR-2) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	ACR-2
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	35 kDa

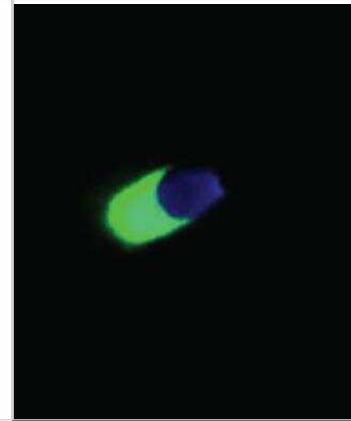
Product Description	
Description	Novus Biologicals Mouse Acrosin Antibody (ACR-2) - BSA Free (NB500-419) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	49
Gene Symbol	ACR
Species	Porcine, Bovine (Negative), Canine (Negative), Human (Negative)
Specificity/Sensitivity	The antibody ACR-2 reacts with various forms of porcine acrosin (55, 53, 45 and 35 kDa), a typical serine proteinase with trypsin-like specificity. Acrosin is stored in the acrosome of undamaged spermatozoa.
Immunogen	Acid extracts of boar spermatozoa were subjected to hydrophobic chromatography and the pooled fraction with reactivity to N-alpha benzoylarginine-4-nitroanilide was used for immunization.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1-12 ug/ml, Immunocytochemistry/Immunofluorescence 1:10-1:2000, Flow (Intracellular) 1-12 ug/ml, CyTOF-ready
Application Notes	Flow Cytometry: described in Ded et al., 2010 Immunocytochemistry: Membrane permeabilization (acetone) is essential. This antibody is CyTOF ready.



Images

Immunocytochemistry/Immunofluorescence: Acrosin Antibody (ACR-2) [NB500-419] - Staining of capacitated boar sperm. Acrosome visualized using mouse monoclonal ACR-2 (purified; secondary antibody labeled with FITC, green), DNA stained with DAPI (blue).





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Products Related to NB500-419

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB500-419UV	Acrosin Antibody (ACR-2) [DyLight 350]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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