

Product Datasheet

StAR Antibody (STAR/2154) [mFluor Violet 450 SE] NBP2-75742MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-75742MFV450

StAR Antibody (STAR/2154) [mFluor Violet 450 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	STAR/2154
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	mFluor Violet 450 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	6770
Gene Symbol	STAR
Species	Human
Marker	Leydig Cell Marker
Specificity/Sensitivity	Steroidogenic Acute Regulatory Protein (STAR) controls the rate-limiting step of steroidogenesis by translocating cholesterol from the outer mitochondrial membrane to the inner membrane where it is later cleaved to pregnenolone. It is primarily present in steroid-producing cells, including Leydig cells in the testis, theca cells and luteal cells in the ovary and adrenal cells in the adrenal cortex. Due to low levels of pregnenolone, seminomas and Leydig cell tumors display no specific STAR staining. Therefore, STAR antibody may assist in differentiating sex cord stromal tumors (SCST), seminomas and embryonal carcinomas.
Immunogen	Recombinant fragment (around aa 39-108) of human StAR protein (exact sequence is proprietary) (Uniprot: P49675)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Protein Array
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP2-75742MFV450

NBP1-43319MFV450	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [mFluor Violet 450 SE]
NBP1-72531-100ug	Recombinant Human StAR His Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
NBP2-09031	StAR Overexpression Lysate

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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