

Product Datasheet

alpha-Smooth Muscle Actin Antibody (ACTA2/1614R) NBP3-49505

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-49505

alpha-Smooth Muscle Actin Antibody (ACTA2/1614R)

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ACTA2/1614R
Preservative	No Preservative
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	42 kDa
Product Description	
Description	Prepared in 10mM PBS WITHOUT BSA & azide at 1.0mg/ml. Also available with 0.05% BSA & 0.05% azide. Antibody with azide - store at 2 to 8 C. Antibody without azide - store at -20 to -80 C. Antibody is stable for 24 months. Non-hazardous.
Host	Rabbit
Gene ID	59
Gene Symbol	ACTA2
Species	Human
Specificity/Sensitivity	This antibody does not stain cardiac or skeletal muscle; however, it does stain myofibroblasts and myoepithelial cells. This antibody could be used together with anti-muscle specific actin and myogenin in making a diagnosis of smooth muscle and skeletal muscle tumors. In most cases of rhabdomyosarcoma, this antibody yields negative results whereas anti-muscle specific actin and myogenin are positive. Leiomyosarcomas are positive only with anti-muscle specific actin and anti-smooth muscle actin and are negative with anti-myogenin.
Immunogen	Recombinant full-length human ACTA2 protein (Uniprot: P62736)
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry





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Products Related to NBP3-49505

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00000059-P01-10ug	Recombinant Human alpha-Smooth Muscle Actin GST (N-Term) Protein
DVE00	VEGF [HRP]

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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