## **Product Datasheet**

### SOX10 Antibody (SOX10/991) [Alexa Fluor® 700] NBP2-59621AF700

Unit Size: 100 ul

Store at 4C in the dark.

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#### NBP2-59621AF700

SOX10 Antibody (SOX10/991) [Alexa Fluor® 700]

Product Information     Unit Size   100 ul     Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   SOX10/991     Preservative   0.05% Sodium Azide     tsotype   IgG2b Kappa     Conjugate   Alexa Fluor 700     Purity   Protein A or G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   6663     Gene Symbol   SOX10     Specificity/Sensitivity   Specific and does not cross-react with other members of the SOX-family specific and does not cross-react with other members of the SOX-family. SOX genes comprise a family of genes that are related to the mammalina sex-determining gene SPK1. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequences specific DNA-binding activity. SOX-10 is a sensitive marker of melanomas and node actes pure new while SOX-10 is consortise a there of melanomas and node actes pure news in sequences that encode for the HMG-box domain, which is responsible for the sequences specific DNA-binding activity. SOX-10 is a sensitive merker of melanomas. SOX-10 is considered as a very reliable melanomas. SOX-10 is considered as a very reliable melanomas anti-bid desmoplastic cubypes, it is expressed to domanin, whic		
ConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalCloneSOX10/991Preservative0.05% Sodium AzideIsotypeIgG2b KappaConjugateAlexa Fluor 700PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct Description6663Gene ID6663Gene SymbolSOX10SpeciesHuman, MouseMarkerMelanoma MarkerSpecificity/SensitivityThe specificit of this monoclonal antibody to its intended target was validated by HuProTIM Array, containing more than 19,000, full-length human proteins. Recognizes a protein of ~55kDa, identified as SOX10. This monoclonal antibody to serve ontenase, such as demonstrating schemes of the SOX-family. SOX genes comprises a family of genes that are related to the mammalian sex-determining gene SRY. These genes similarly contain sequence-specific DNA-binding activity. SOX-10 is a sensitive marker of melanoma, including conventional, spindled, and desmoplastic subtypes. It is expressed by metastatic melanomas and nodal capsular nevus in sentinellymph node components such as demoltic cells, which usually express of 100 protein. Commonly used melanoma markers, such as anti-HMB-45 and anti-Melanoma, and cells underspotatic melanomas. SOX-10 is considered as a very reliable marker for recognizing residual desmoplastic melanomas, and region is also observed in mast cells.ImmunogenRecombinant human SOX10 protein fragment (around ant15-269) (exact	Product Information	
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ClonalityMonoclonalCloneSOX10/991Preservative0.05% Sodium AzideIsotypeIgG2b KappaConjugateAlexa Fluor 700PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct Description6663Gene ID6663Gene SymbolSOX10SpeciesHuman, MouseMarkerMelanoma MarkerSpecificity/SensitivityThe specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, full-length human proteins. Recognizes a protein or 55Kba, identified as SOX-10. This monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, full-length human proteins. Recognizes a protein or 55Kb2, identified as SOX-10. This monoclonal antibody is highly specific and does not cross-react with other members of the SOX-family. SOX 90 genes comprise a family. SOX 10 is a sensitive marker of melanoma, including conventional, spindled, and desmoplastic subpres. It is expressed by other lymph node, but not by other lymph node components such as dendritic cells, which usually express \$100 protein. Commonly used melanoma markers, such as anti-HMB-45 and anti-Melan-A, are poorly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is considered as a very reliable marker for recognizing residual desmoplastic melanomas. In normal tissues, it is expressed in desmoplastic melanomas. SOX-10 is considered as a very reliable marker for recognizing residual desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplasti	Concentration	•
CloneSOX10/991Preservative0.05% Sodium AzideIsotypeIgG2b KappaConjugateAlexa Fluor 700PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHostMouseGene ID6663Gene SymbolSOX10Specificity/SensitivityThe specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, full-length human proteins. Recognizes a protein of ~55KDa, identified as SOX10. This monoclonal antibody is highly specific and does not cross-react with other members of the SOX- family. SOX genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These genes smillerly context is a sensitive marker of melanoma, including conventional, spindled, and desmoplastic subtypes. It is expressed by other lymph node, but not by other lymph node components such as dendritic cells, which used by the Whelan-A, are poorly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 expression is also observed in mast cells.ImmunogenRecombinant human SOX10 protein fragment (around aa115-269) (exact	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide   Isotype IgG2b Kappa   Conjugate Alexa Fluor 700   Purity Protein A or G purified   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 6663   Gene Symbol SOX10   Species Human, Mouse   Marker Melanoma Marker   Specificity/Sensitivity The specificity of this monoclonal antibody to its intended target was validated by HuProITM Array, containing more than 19,000, full-length human proteins. Recognizes a protein of ~55kDa, identified as SOX10. This monoclonal antibody is highly specific and does not cross-react with other members of the SOX-family. SOX genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. SOX-10 is a sensitive marker of melanoma, including conventional, spindled, and desmoplastic melanomas, sub other lymph node components such as dendritic cells, which usually express S100 protein. Commonly used melanoma markers, such as anti-HIMB-45 and anti-Iwelan-A, are poorly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas, SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas, SOX-10 is moderately to strongly ex	Clonality	Monoclonal
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Purity   Protein A or G purified     Buffer   50mM Sodium Borate     Product Description      Host   Mouse     Gene ID   6663     Gene Symbol   SOX10     Species   Human, Mouse     Marker   Melanoma Marker     Specificity/Sensitivity   The specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, full-length human proteins. Recognizes a protein of ~55kDa, identified as SOX10. This monoclonal antibody is highly specific and does not cross-react with other members of the SOX-family. SOX genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These genes similarly contain sequence-specific DNA-binding activity. SOX-10 is a sensitive marker of melanoma, including conventional, spindled, and desmoplastic subtypes. It is expressed by metastatic melanomas and nodal capsular nevus in sentinel lymph nodes, but not by other lymph node components such as dendritic cells, which usually express S100 protein. Commonly used melanoma markers, such as anti-HM8-45 and anti-Melan-A, are poorly expressed in desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is considered as a very reliable marker for recognizing residual desmoplastic melanomas. SOX-10 is moderately to strongly expressed in desmoplastic melanomas. SOX-10 is considered as a very reliable marker for recognizing residual desmoplastic melanomas. In normal tissues, it is expressed in Schwann cells, melanocytes, and myoepithelial cells of salivary, bronchial and mammary glands. SOX-10 expression is also observed	Isotype	IgG2b Kappa
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	Immunogen	

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Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry- Paraffin, Protein Array, Flow (Intracellular), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





#### Novus Biologicals USA

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#### Products Related to NBP2-59621AF700

NBP1-43317AF700Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor®<br/>700]H00006663-Q01-10ugRecombinant Human SOX10 GST (N-Term) Protein212-GD-010GDNF [Unconjugated]NBL1-16344SOX10 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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