

Product Datasheet

CD44 Antibody (VFF-17) - variant 7/8 - Azide and BSA Free NB100-65535

Unit Size: 0.1 mg

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

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NB100-65535

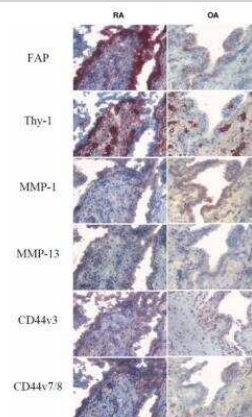
CD44 Antibody (VFF-17) - variant 7/8 - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	VFF-17
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	960
Gene Symbol	CD44
Species	Human
Marker	Cell Membrane Marker
Specificity/Sensitivity	Specifically recognizes an epitope encoded by exons v7-v8 on the variant portion of human CD44.
Immunogen	Made to Human CD44v7/8
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10-1:100, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100, Immunohistochemistry-Frozen 1:100-1:1000, CyTOF-ready
Application Notes	This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

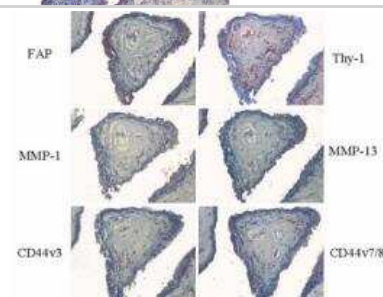


Images

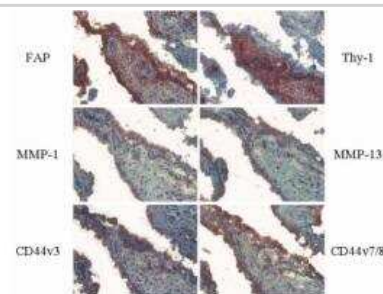
Immunohistochemistry: CD44 Antibody (VFF-17) - variant 7/8 [NB100-65535] - Analysis of representative areas of synovial tissue samples taken from patients with end-stage osteoarthritis (OA) or refractory rheumatoid arthritis (RA) is shown. Expression pattern and staining intensity of RA samples represent the stronger intensity of synovial inflammation when compared with OA samples.



Immunohistochemistry: CD44 Antibody (VFF-17) - variant 7/8 [NB100-65535] - Analysis of activation markers in synovial membranes of osteoarthritis. Phenotypic markers that are instrumental in extracellular matrix alteration are detectable only at a low level (MMP-1, CD44v7/8) in areas that are slightly FAP-positive. FAP, fibroblast activation protein; MMP, matrix metalloproteinase.



Immunohistochemistry: CD44 Antibody (VFF-17) - variant 7/8 [NB100-65535] - Analysis of activation markers in synovial membranes of rheumatoid arthritis. Expression of fibroblast activation protein (FAP) is accompanied by accumulation of activation markers (MMP-1 and MMP-13) and splice variants of CD44 (v3 and v7/8) that are known to correlate with the degree of inflammation and that are involved in extracellular matrix deposition.





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Products Related to NB100-65535

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NB100-65535PE	CD44 Antibody (VFF-17) [PE] - variant 7/8

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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