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Product Datasheet

CD44 Antibody, Clone: [HCAM/918], Mouse, Monoclonal NSJ-V3011-100UG

Article Name	CD44 Antibody, Clone: [HCAM/918], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V3011-100UG
Supplier Catalog Number	V3011-100UG
Alternative Catalog Number	NSJ-V3011-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human
Immunogen	Recombinant human protein was used as the immunogen for the CD44 antibody.
Product Description	Recognizes a cell surface glycoprotein of 80-95kDa (CD44/HCAM) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. It is a receptor for hyaluronic acid (HA). Me...
Clonality	Monoclonal
Clone Designation	[HCAM/918]
UniProt	P16070
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Western blot: 1-2ug/ml,Flow cytometry: 1-2ug/10 ⁶ cells,Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT
Application Notes	Optimal dilution of the CD44 antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.