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## Product Datasheet

### MyoD1 Antibody, Clone: [5.8A], Mouse, Monoclonal NSJ-V3168-100UG

Article Name	MyoD1 Antibody, Clone: [5.8A], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V3168-100UG
Supplier Catalog Number	V3168-100UG
Alternative Catalog Number	NSJ-V3168-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant mouse MyoD1 protein was used as the immunogen for this MyoD1 antibody. The epitope of this mAb maps between amino acid 180-189 in the C-terminal of mouse MyoD1 protein.
Product Description	Recognizes a phosphor-protein of 45kDa, identified as MyoD1. It does not cross react with myogenin, Myf5, or Myf6. Antibody to MyoD1 labels the nuclei of myoblasts in developing muscle tissues. MyoD1 is not detected in normal adult tissue, but is hig...
Clonality	Monoclonal
Clone Designation	[5.8A]
UniProt	<a href="#">P15172</a>
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	Flow Cytometry: 0.5-1ug/million cells in 0.1ml, Immunofluorescence: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT (1), Prediluted IHC only format: incubate for 30 min at RT (2)
Application Notes	The optimal dilution of the MyoD1 antibody for each application should be determined by the researcher. 1. 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.