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## Product Datasheet

### Anti-MyoD1 Antibody, Clone: [SPM427], Mouse, Monoclonal NSJ-V9052-20UG

Article Name	Anti-MyoD1 Antibody, Clone: [SPM427], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V9052-20UG
Supplier Catalog Number	V9052-20UG
Alternative Catalog Number	NSJ-V9052-20UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IHC-P
Species Reactivity	Human
Immunogen	Recombinant mouse protein was used as the immunogen for this anti-MyoD1 antibody. The epitope of this mAb maps between amino acid 180-189.
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	[SPM427]
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	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	<p>The optimal dilution of the anti-MyoD1 antibody for each application should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min followed by cooling at RT for 20 minutes.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.</p>