

## 10-11526: Mouse Monoclonal Antibody to MyoD1(Clone: 5.2f)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	5.2f
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	MYOD1
<b>Gene ID :</b>	4654
<b>Uniprot ID :</b>	P15172
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Myoblast determination protein 1, Class C basic helix-loop-helix protein 1, Myogenic factor 3, BHLHC1, MYF3, MYOD
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	BALB/C mice were injected with a recombinant mouse MyoD1 protein.

### Description

This antibody is specific to a 45 kDa protein, which is identified as MyoD1. This antibody is specific to an epitope of amino acid 3-56 in the N-terminus of mouse MyoD1. This antibody does not react with myogenin, Myf5 or Myf6. MyoD1 stains the nuclei of myoblasts in developing muscle tissues. MyoD1 is not detected in normal adult tissue but is expressed strongly in the tumor cell nuclei of rhabdomyosarcomas.

### Product Info

<b>Amount :</b>	0.5 ml
<b>Content :</b>	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as preservative.
<b>Storage condition :</b>	Store at 2-8°C.

### Application Note

IHC : 1:25-1:50

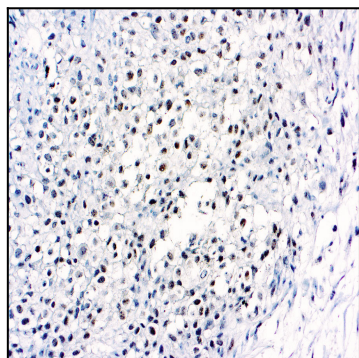


Figure 1 : Formalin fixed paraffin embedded rhabdomyosarcoma stained with Myo D1 antibody( 10-11526).