



## DES Antibody [D9]

CATALOG NUMBER: 70-049

### Specifications

<b>SPECIES REACTIVITY:</b>	Mouse, Pig, Rabbit, Rat
<b>TESTED APPLICATIONS:</b>	
<b>APPLICATIONS:</b>	DES Monoclonal Antibody can be used for immunohistochemistry (tested on frozen tissues) starting at 1:25 - 1:200, immunohistochemistry (tested on paraffin embedded tissues) starting at 10 ug/mL and Western Blot starting at 1:100 - 1:1000.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Reacts exclusively with desmin, which is expressed in smooth and striated muscle cells and their tumors e.g. rhabdomyosarcoma and leiomyosarcoma. Cross-reacts with most mammals.
<b>IMMUNOGEN:</b>	Desmin isolated from human leiomyoma
<b>HOST SPECIES:</b>	Mouse

### Properties

<b>PURIFICATION:</b>	Purified
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS containing 0.09% sodium azide
<b>STORAGE CONDITIONS:</b>	DES Monoclonal antibody may be stored short term at 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG1
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	DES, ARVC7, ARVD7, CMD1I, CSM1, CSM2, MFM1, SCPNK, Desmin, Intermediate filament protein
<b>ACCESSION NO.:</b>	P17661
<b>PROTEIN GI NO.:</b>	6686280
<b>OFFICIAL SYMBOL:</b>	DES
<b>GENE ID:</b>	1674

### Background

FOR RESEARCH USE ONLY