

## Product Datasheet

# Recombinant Caldesmon, HMW (h-Caldesmon) (Smooth Muscle Marker) Antibody (orb1410347)

<b>Description</b>	Rabbit monoclonal antibody to Caldesmon, HMW (h-Caldesmon) (Smooth Muscle Marker)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC, WB
<b>Immunogen</b>	Recombinant human full-length CALD1 protein
<b>Target</b>	CALD1
<b>Preservatives</b>	200ug/ml of Ab purified by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
<b>Form/Appearance</b>	200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
<b>Concentration</b>	Purified Ab with BSA and Azide at 200ug/ml
<b>Storage</b>	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
<b>Note</b>	For research use only
<b>Application notes</b>	Positive Control: Blood vessels in all tissues, smooth muscle or leiomyosarcoma.
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal

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<b>Clone Number</b>	CALD1/7024R
<b>MW</b>	150kDa
<b>Uniprot ID</b>	<b>Q05682</b>
<b>Entrez</b>	<b>800</b>
<b>Dilution Range</b>	Western Blot (1-2ug/ml);,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
<b>Expiration Date</b>	12 months from date of receipt.

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