

# Product Datasheet

## Caldesmon/CALD1 Antibody (CALD 8) NB120-11015

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NB120-11015**

Caldesmon/CALD1 Antibody (CALD 8)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CALD 8
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Raw ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	800
<b>Gene Symbol</b>	CALD1
<b>Species</b>	Human, Porcine, Avian, Chicken, Guinea Pig, Rabbit
<b>Reactivity Notes</b>	Cross-reacts with Human, Chicken, Guinea pig, Pig, Rabbit and Turkey.
<b>Specificity/Sensitivity</b>	The localizes the high molecular weight form of caldesmon from pig stomach, chicken or turkey gizzard, and the low molecular weight form of caldesmon from chicken fibroblasts when used in an immunoblot technique.
<b>Immunogen</b>	Turkey gizzard caldesmon was used as the immunogen.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Radioimmunodiffusion
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Radioimmunodiffusion
<b>Application Notes</b>	DID: Use at an assay dependent dilution. IF: Use at an assay dependent dilution. WB: Use at a dilution of 1/400 using a pig stomach caldesmon extract and immunoperoxidase labeling. By indirect immunofluorescence monoclonal anti-caldesmon stains frozen tissue sections from chicken, turkey, rabbit, guinea pig, and human tissue preparations. Caldesmon occurs in both a high molecular weight (120- 150 kDa) and a low molecular weight (71-80 kDa) form, depending on the tissue in which it is located. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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