# antibodies - online.com







# **ACTA2 (Human) Matched Antibody Pair**



**Images** 



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Quantity:	1 set
Target:	Smooth Muscle Actin (ACTA2)
Reactivity:	Human
Host:	Mouse
Application:	ELISA (Capture), ELISA
Product Details	
Purpose:	This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ACTA2.
Cross-Reactivity:	Human
Characteristics:	This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ACTA2.
Components:	Antibody pair set content:
	1. Capture antibody: mouse monoclonal anti-ACTA2, IgG2b Kappa (100 μg)
	2. Detection antibody: biotinylated mouse monoclonal anti-ACTA2, IgG1 Kappa (50 μg)
	*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Target Details	

Sub Type: Cocktail

Target:

Smooth Muscle Actin (ACTA2)

# **Target Details**

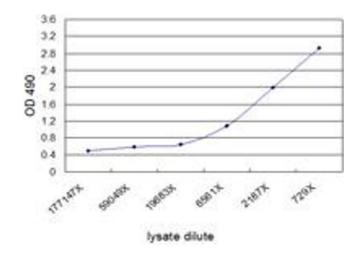
Background:	Full Gene Name: actin, alpha 2, smooth muscle, aorta	
	Synonyms: AAT6,ACTSA	
Gene ID:	59	

# **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

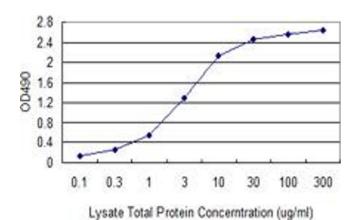
Handling	
Handling Advice:	Please aliquot to avoid repeated freeze thaw cycle.
Storage:	-20 °C
Storage Comment:	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

# **Images**



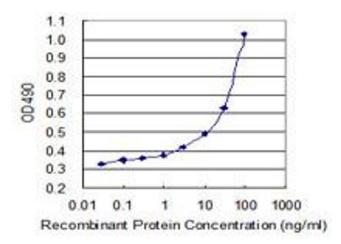
# **ELISA**

Image 1. Sandwich ELISA detection sensitivity ranging from approximately 6561x to 729x dilution of the ACTA2 293T overexpression lysate (non-denatured). Standard curve using ACTA2 293T overexpression lysate (non-denatured) as an analyte.



# **ELISA**

**Image 2.** Standard curve using human uterus myoma tissue lysate as an analyte (non-denatured). Sandwich ELISA detection sensitivity ranging from 100 ng/ml to 300 ug/ml for lysate total protein.



# **ELISA**

**Image 3.** Sandwich ELISA detection sensitivity ranging from 0.3 ng/mL to 100 ng/mL.