

## ADAM9 Polyclonal Antibody

Catalog Number PA5-14338

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	<b>Tested Applications</b>	
Class	Polyclonal	Flow Cytometry (Flow)	Dilution *
Type	Antibody	Western Blot (WB)	1:10-1:50
Immunogen	KLH conjugated synthetic peptide between 35-64 amino acids from the N-terminal region of human ADAM9		1:1,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	2 mg/mL		
Purification	Ammonium sulfate precipitation, Size-exclusion - Dialysis		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

### Background/Target Information

ADAM9 is a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This protein interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor.

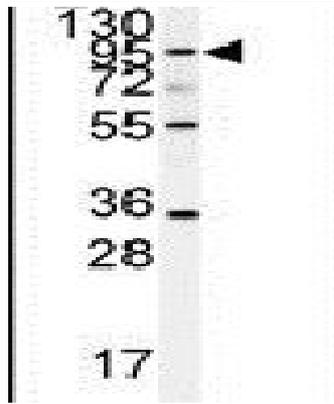
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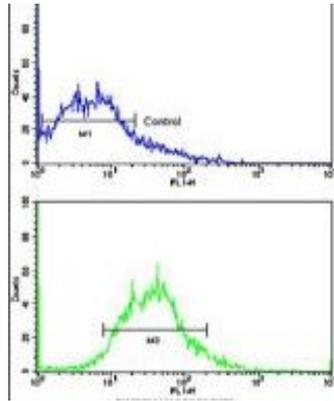
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## Product Images For ADAM9 Polyclonal Antibody



### ADAM9 Antibody (PA5-14338) in WB

Western blot analysis using an ADAM9 polyclonal antibody (Product # PA5-14338) in mouse kidney tissue lysates (35 µg per lane).



### ADAM9 Antibody (PA5-14338) in Flow

Flow cytometry analysis of HepG2 cells using an ADAM9 polyclonal antibody (Product # PA5-14338) (bottom), compared to a negative control cell (top) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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