

ARG45134 anti-MED8 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MED8
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	MED8
Species	Human
Immunogen	Recombinant protein containing to human MED8.
Conjugation	Un-conjugated
Alternate Names	MED8; mediator complex subunit 8; Mediator of RNA polymerase II transcription subunit 8; Activator-recruited cofactor 32 kDa component; ARC32; Mediator complex subunit 8

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	2 µg/ml
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	29 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

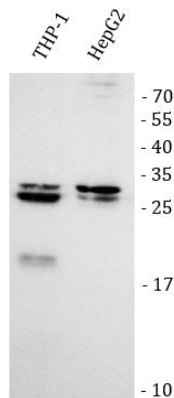
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

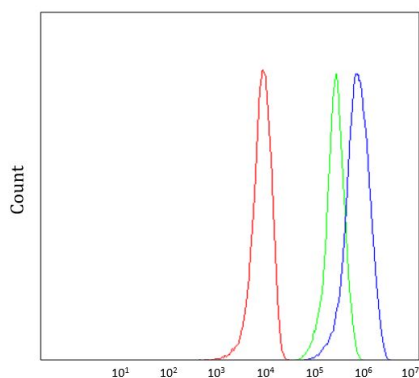
Gene Symbol	MED8
Gene Full Name	mediator complex subunit 8
Background	This gene encodes a protein component of the mediator complex, which aids in transcriptional activation through interaction with RNA polymerase II and gene-specific transcription factors. The encoded protein may also function in ubiquitin ligation and protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]
Function	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. May play a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins. [UniProt]
Calculated Mw	29 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



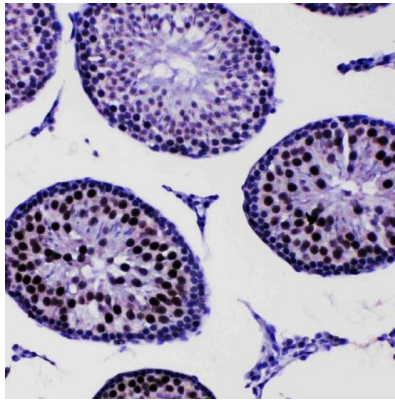
ARG45134 anti-MED8 antibody WB image

Western blot: THP-1 and HepG2 stained with ARG45134 anti-MED8 antibody at 0.5 µg/ml dilution.



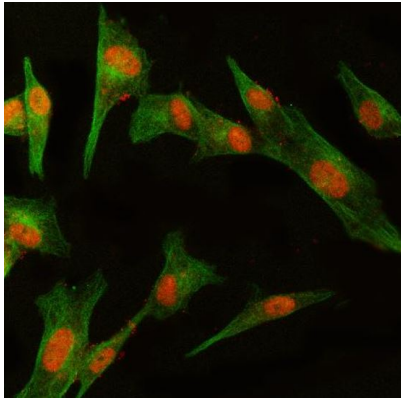
ARG45134 anti-MED8 antibody FACS image

Flow Cytometry: 293T stained with ARG45134 anti-MED8 antibody at 1 µg/10⁶ cells dilution.



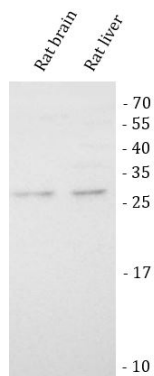
ARG45134 anti-MED8 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG45134 anti-MED8 antibody at 1 μ g/ml dilution.



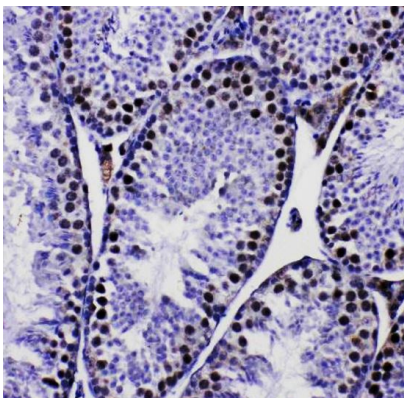
ARG45134 anti-MED8 antibody ICC/IF image

Immunofluorescence: U87 stained with ARG45134 anti-MED8 antibody at 5 μ g/ml dilution.



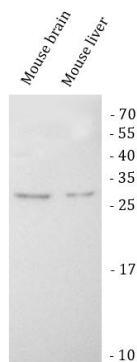
ARG45134 anti-MED8 antibody WB image

Western blot: Rat brain and rat liver stained with ARG45134 anti-MED8 antibody at 0.5 μ g/ml dilution.



ARG45134 anti-MED8 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG45134 anti-MED8 antibody at 1 μ g/ml dilution.



ARG45134 anti-MED8 antibody WB image

Western blot: Mouse brain and mouse liver stained with ARG45134 anti-MED8 antibody at 0.5 µg/ml dilution.