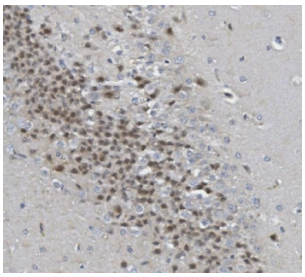
Rad9b Antibody (RQ5916)

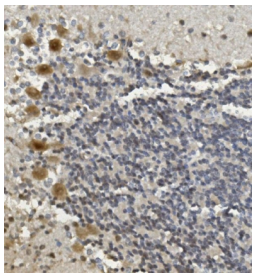
Catalog No.	Formulation	Size
RQ5916	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

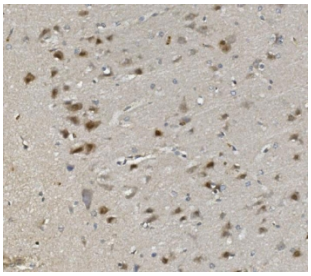
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q6WBX7
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Rad9b antibody is available for research use only.



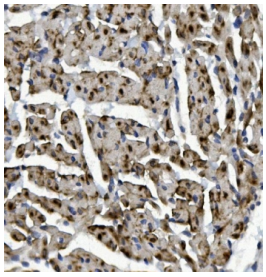
IHC staining of FFPE rat brain with Rad9b antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



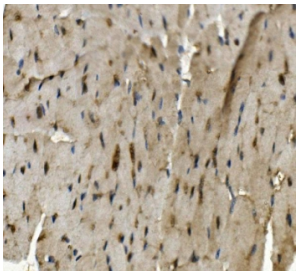
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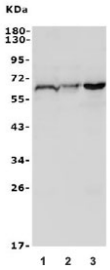
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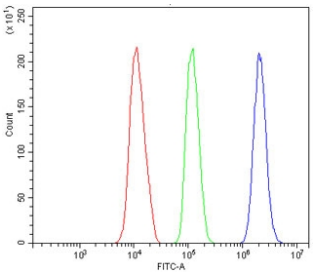
IHC staining of FFPE rat heart with Rad9b antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse heart with Rad9b antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat RH35, 2) mouse NIH 3T3 and 3) mouse SP2/0 lysate with Rad9b antibody. Expected molecular weight: 46-60 kDa.



Flow cytometry testing of mouse HEPA1-6 cells with Rad9b antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Rad9b antibody.

Description

By coimmunoprecipitation of erythroleukemia cells transfected with RAD9B, it was found that RAD9B associated with 3 endogenous checkpoint proteins, HUS1, RAD1, and RAD17, possibly in a 9-1-1-like complex. RAD9B also interacted with transfected HUS1B. It was also found decreased abundance of RAD9B mRNA in testicular seminomas relative to normal tissue controls and other types of testicular tumors.

Application Notes

Optimal dilution of the Rad9b antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids M1-G403) was used as the immunogen for the Rad9b antibody.

Storage

After reconstitution, the Rad9b antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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