Datasheet for ABIN7599360

anti-RAD9B antibody (AA 1-403)

Go to Product page

Overview

Quantity:	100 µg
Target:	RAD9B
Binding Specificity:	AA 1-403
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD9B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Rad9b Antibody Picoband®
Immunogen:	E.coli-derived mouse Rad9b recombinant protein (Position: M1-G403).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Rad9b Antibody Picoband® (ABIN7599360). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	RAD9B
Alternative Name:	Rad9b (RAD9B Products)
Background:	Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: 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.
Molecular Weight:	60 kDa
Gene ID:	231724

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Mouse ELISA, 0.1-0.5 µg/mL, - 1. Dufault, V. M., Oestreich, A. J., Vroman, B. T., Karnitz, L. M. Identification and characterization of RAD9B, a paralog of the RAD9 checkpoint gene. Genomics 82: 644-651, 2003. 2. Hopkins, K. M., Wang, X., Berlin, A., Hang, H., Thaker, H. M., Lieberman, H. B. Expression of mammalian paralogues of HRAD9 and Mrad9 checkpoint control genes in normal and cancerous testicular tissue. Cancer Res. 63: 591-598, 2003.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.01 mg Sodium azide.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.