



[Go to Product page](#)

Datasheet for ABIN7168449

anti-RRM1 antibody

2 Images

Overview

Quantity:	100 µg
Target:	RRM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RRM1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human RRM1 Protein
Clone:	3D6H5
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	RRM1
Alternative Name:	RRM1 (RRM1 Products)
Background:	Background: This gene encodes one of two non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of

Target Details

deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region.

Aliases: Ribonucleotide Reductase M1, RRM1, RR1

UniProt: [P23921](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Recommended dilution: IHC: 1:50-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

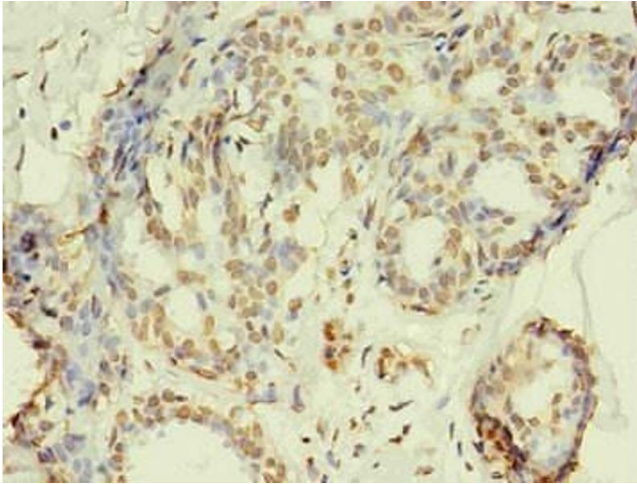
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

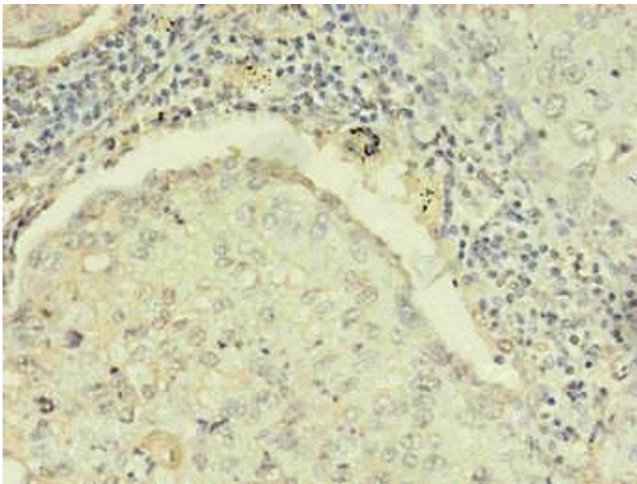
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7168449 in 30 µg/mL dilute concentrations.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7168449 in 30 µg/mL dilute concentrations.