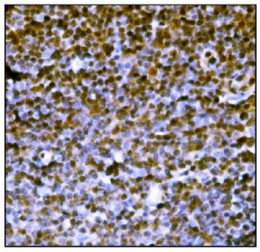
Protein PML Antibody (RQ6506)

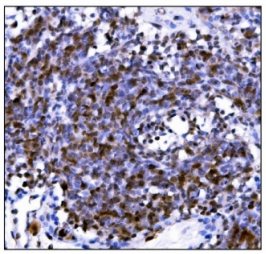
Catalog No.	Formulation	Size
RQ6506	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

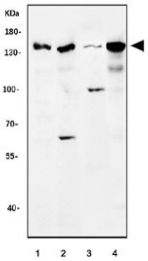
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q60953
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Protein PML antibody is available for research use only.



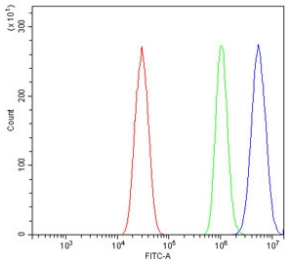
IHC staining of FFPE mouse lymph node tissue with Protein PML antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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



Western blot testing of 1) rat testis, 2) rat PC-12, 3) mouse testis and 4) mouse RAW264.7 cell lysate with Protein PML antibody.



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

Description

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This phosphoprotein localizes to nuclear bodies where it functions as a transcription factor and tumor suppressor. Its expression is cell-cycle related and it regulates the p53 response to oncogenic signals. The gene is often involved in the translocation with the retinoic acid receptor alpha gene associated with acute promyelocytic leukemia (APL). Extensive alternative splicing of this gene results in several variations of the protein's central and C-terminal regions; all variants encode the same N-terminus. Alternatively spliced transcript variants encoding different isoforms have been identified.

Application Notes

Optimal dilution of the Protein PML antibody should be determined by the researcher.

Immunogen

An E. coli-derived mouse protein (amino acids E107-A857) was used as the immunogen for the Protein PML antibody.

Storage

After reconstitution, the Protein PML 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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