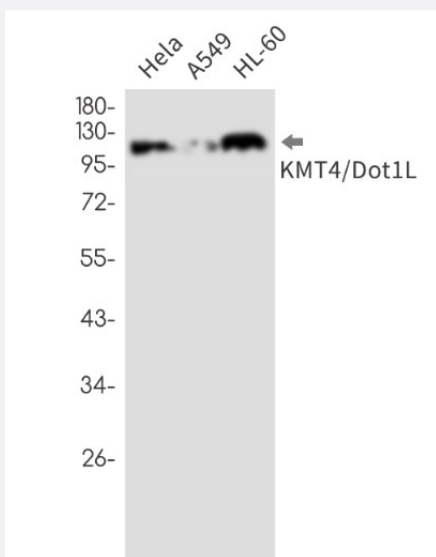


RecomAb™

DOT1L recombinant monoclonal antibody, clone R01-7F6

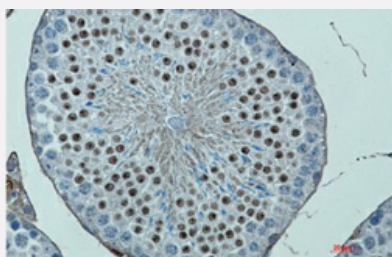
Catalog # RAB01421 Size 100 uL

Applications



Western Blot

Western Blot analysis of HeLa, A549, HL-60 lysates with DOT1L recombinant monoclonal antibody, clone R01-7F6 (Cat # RAB01421).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded mouse testis using KMT4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DOT1L.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human DOT1L.

Theoretical MW (kDa)	Calculated MW: 165 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Hela, A549, HL-60 lysates with DOT1L recombinant monoclonal antibody, clone R01-7F6 (Cat # RAB01421).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded mouse testis using KMT4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Gene Info — DOT1L

Entrez GeneID	84444
Protein Accession#	Q8TEK3
Gene Name	DOT1L
Gene Alias	DKFZp586P1823, DOT1, KIAA1814, KMT4
Gene Description	DOT1-like, histone H3 methyltransferase (S. cerevisiae)
Omim ID	607375

Gene Ontology

[Hyperlink](#)

Gene Summary

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Other Designations

DOT1-like, histone H3 methyltransferase|histone methyltransferase DOT1L

Pathway

- [Lysine degradation](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)