Recombinant PRMT7 Monoclonal Antibody

catalog number: **E-AB-81600**

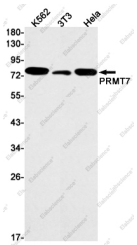
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human PRMT7
Host	Rabbit
Isotype	Rabbit IgG
Clone	C133386
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot detection of PRMT7 in K562,3T3,Hela cell lysates using PRMT7 Rabbit mAb(1:1000 diluted).Predicted band size:79kDa.Observed band size:79kDa.

Observed-MW:79 kDa

Calculated-MW:79 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Protein arginine methyltransferase 7 is a protein that in humans is encoded by the PRMT7 gene.Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases, such as PMT7, using S-adenosylmethionine (AdoMet) as the methyl donor.Arginine methylation is implicated in signal transduction, RNA transport, and RNA splicing.May be involved in etoposide-induced cytotoxicity, a chemotherapeutic agent frequently used for testicular cancer and small-cell lung cancer that can cause cytotoxicity in the treatment of other cancers. Down-regulation confers increased sensitivity to the Top1 inhibitor camptothecin (CPT).

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com