

## Recombinant PRMT7 Monoclonal Antibody

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

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

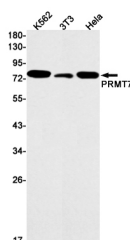
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	A synthetic peptide of human PRMT7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-4F6
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
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### 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

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	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).

### For Research Use Only