

## PRODUCT DATA SHEET

### mab0010 Monoclonal Antibody to N-methyltransferase (PRMT-1)

#### Product Number/Size

mab0010-0 Lyophilized from 100 µl of ascitic fluid  
mab0010-1 Lyophilized from 200 µl of ascitic fluid

#### Product specifications

**Immunogen** N-methyltransferase (PRMT-1)

**Form** Ascitic fluid

**Raised in** Mouse

**Clone** 4B12

**Isotype** IgG1 / Kappa

**Specificity** Monoclonal antibody reacts with human arginine N-Methyl Transferase

**Cross reactions** Not yet tested  
Ability to fix complement : unknown

**Working dilutions** Optimal dilutions should be determined by the end user  
The following are guidelines only :  
- Immunohistology : 1/100 to 1/10 000  
- Western Blot : 1/500 to 1/5 000

#### Packaging specifications

**Appearance** Lyophilized powder (glass vial)  
Vial must be reconstituted as follow :  
- mab0010-0 in 100 µl of distilled water  
- mab0010-1 in 200 µl of distilled water

**Preservative** None

**Storage** Short term storage : +4°C  
Long term storage : -20°C

#### References

- 1) An W and al. Ordered cooperative functions of PRMT1, p300, and CARM1 in transcriptional activation by p53. Cell (2004) 117:735-48.
- 2) Chen YF and al. Protein methylation activates reconstituted ryanodine receptor-ca release channels from coronary artery myocytes. J Vasc Res (2004) 41:229-40.
- 3) Smith WA and al. Arginine methylation of RNA helicase a determines its subcellular localization. J Biol Chem (2004) 279:22795-8.



#### Product type

Primary antibody

#### Clonality

Monoclonal Antibody

#### Related product

lab0252 ; lab0242 ;  
lab0235 ; lab0246 ;  
lab0257 ; lab0239 ;  
lab0250 ... ; opr0002 ;  
opr0008 ; opr0009

#### Warning

This is a laboratory reagent. It is not to be administered to human or animals nor be used as a drug

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version C

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