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Store at -20C
#3934

PHF20 (D96F6) XP[®] Rabbit mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W, IP, IF-IC	H M R Mk	Endogenous	150	Rabbit IgG	#Q9BVI0	51230

Product Usage Information

Application

Western Blotting
Immunoprecipitation
Immunofluorescence (Immunocytochemistry)

Dilution

1:1000
1:50
1:400 - 1:1600

Storage

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.

Specificity/Sensitivity

PHF20 (D96F6) XP[®] Rabbit mAb detects endogenous levels of total PHF20 protein.

Species predicted to react based on 100% sequence homology

Bovine, Horse, Rabbit

Source / Purification

Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to the human PHF20 protein.

Background

PHD finger protein 20 (PHF20) is a putative transcription factor protein. PHF20 contains a tudor domain, which facilitates binding to di-methylated histone H4 Lys20 (1). PHF20 may contribute to the development of cancers, including glioblastoma, lung cancer, colon cancer and ovarian cancer (2-5).

Background References

1. Kim, J. et al. (2006) *EMBO Rep* 7, 397-403.
2. Fischer, U. et al. (2001) *Clin Exp Immunol* 126, 206-13.
3. Taniwaki, M. et al. (2006) *Int J Oncol* 29, 567-75.
4. Bankovic, J. et al. (2009) *Lung Cancer* 67, 151-9.
5. Wang, Y. et al. (2002) *J Immunol* 169, 1102-9.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key

W: Western Blotting **IP:** Immunoprecipitation **IF-IC:** Immunofluorescence (Immunocytochemistry)

Cross-Reactivity Key

H: Human **M:** Mouse **R:** Rat **Mk:** Monkey

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