

UTF1 Ab

Cat.#: BF0025
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 36.4kDa
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, FCM 1/200 - 1/400
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	UTF1 Ab detects endogenous levels of total UTF1.
Immunogen:	Purified recombinant fragment of human UTF1 expressed in E. Coli.
Uniprot:	Q5T230
Description:	Undifferentiated transcription factor-1 (UTF-1) is used as marker for the undifferentiated state of pluripotent stem cells.UTF1 is a chromatin-associated protein with core histone-like properties. UTF1 further acts as a transcriptional repressor and is required for proper differentiation of pluripotent cells.
Subcellular Location:	Nucleus;
Similarity:	The leucine-zipper domain is required for coactivation activity. When this domain is deleted, the protein is able to stimulate transcription from a number of gene promoters (By similarity).
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

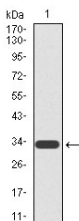


Figure 1: Western blot analysis using UTF1 mAb against human UTF1 recombinant protein. (Expected MW is 32.8 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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