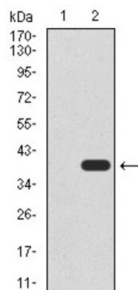
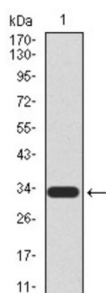


Undifferentiated Embryonic Cell Transcription Factor 1 (UTF1) Antibody

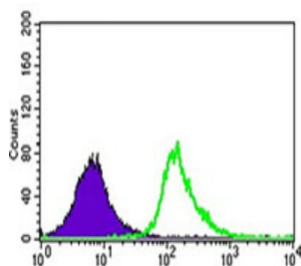
Catalogue No.: abx012332



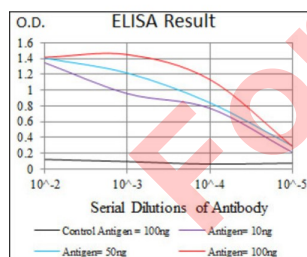
Western blot analysis using UTF1 antibody against human UTF1 recombinant protein. (Expected MW is 32.8 kDa).



Western blot analysis using UTF1 antibody against HEK293 (1) and UTF1 (AA: 148-214) - hlgGfC transfected HEK293 (2) cell lysate.



Flow cytometric analysis of K562 cells using UTF1 antibody (green) and negative control (purple).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

Target:

Undifferentiated Embryonic Cell Transcription Factor 1 (UTF1)

Datasheet

Version: 2.0.0
Revision date: 02 May 2025



Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human UTF1 (AA: 148-214) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q5T230 (UniProt , ExPASy)
Gene Symbol:	UTF1
GeneID:	8433
OMIM:	604130
HGNC:	12634
KEGG:	hsa:8433
Ensembl:	ENSG00000171794
String:	9606.ENSP00000305906
Molecular Weight:	36.4 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only