

Anti-UTF1 Antibody (4R603)

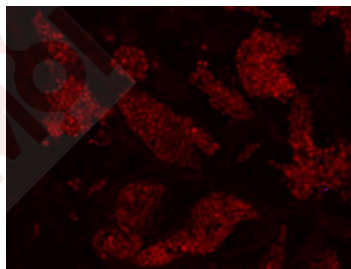
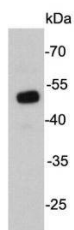
Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 36-50 kDa.
Clone:	4R603
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis on D3 cell lysates using anti- UTF1 mouse mAb.
2. ICC staining UTF1 in D3 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Application:	ICC,WB
Recommended	WB: 1:500-1000; ICC: 1:500-1000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Peptide

Uniprot ID: Q5T230

Synonyms: hUTF 1;hUTF1;Undifferentiated embryonic cell transcription factor 1;UTF 1;UTF1_HUMAN

Research Background

Undifferentiated embryonic cell transcription factor 1 is a protein in humans that is encoded by the UTF1 gene. UTF1, first reported in 1998, is expressed in pluripotent cells including embryonic stem cells and embryonic carcinoma cells. Its expression is rapidly reduced upon differentiation. UTF1 protein is localized to the cell nucleus, where it functions to regulate the pluripotent chromatin state and buffer mRNA levels by promoting degradation of mRNA. Aberrant expression of UTF1 has also been reported in cervical cancer cells, where the UTF1 gene promoter loses methylation and becomes abnormally expressed compared to normal cervical cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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