

## WSTF Rabbit mAb

Catalog No: #49903

Package Size: #49903-1 50ul #49903-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

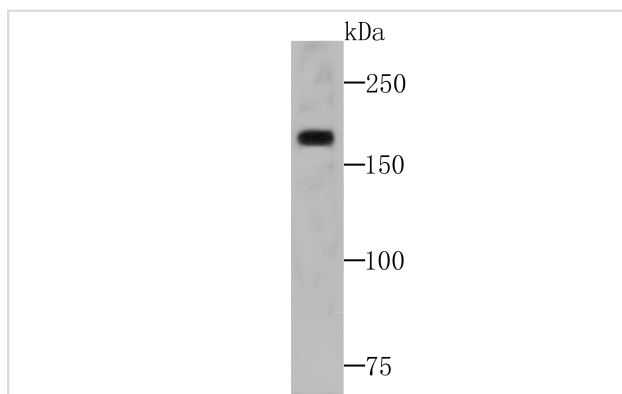
## Description

Product Name	WSTF Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG36-32
Purification	ProA affinity purified
Applications	WB,FC
Species Reactivity	Hu, Ms, Rt
Other Names	baz1b antibody BAZ1B_HUMAN antibody Bromodomain adjacent to zinc finger domain protein 1B antibody hWALP 2 antibody hWALP-2 antibody hWALP2 antibody transcription factor WSTF antibody Tyrosine-protein kinase BAZ1B antibody WALP-2 antibody WALP2 antibody WBRS 9 antibody WBRS-9 antibody WBRS9 antibody WBSC 10 antibody WBSC-10 antibody WBSC10 antibody WBSCR10 antibody WBSCR9 antibody Williams Beuren syndrome chromosome region 9 protein antibody Williams syndrome transcription factor antibody Williams-Beuren syndrome chromosomal region 10 protein antibody Williams-Beuren syndrome chromosomal region 9 protein antibody WSTF antibody
Accession No.	Swiss-Prot#:Q9UIG0
Uniprot	Q9UIG0
GeneID	9031;
Calculated MW	171 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

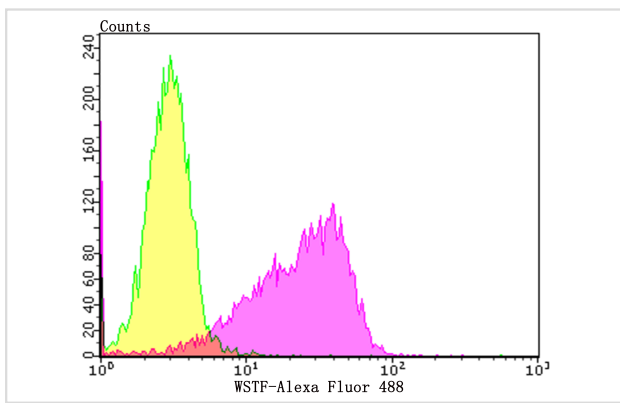
## Application Details

WB: 1:500-1:1,000 FC: 1:50-1:100

## Images



Western blot analysis of WSTF on SiHa cell lysates using anti-WSTF at 1/500 dilution.



Flow cytometric analysis of K562 cells with WSTF antibody at 1/50 dilution (Fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; Yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

Atypical tyrosine-protein kinase that plays a central role in chromatin remodeling and acts as a transcription regulator. Involved in DNA damage response by phosphorylating 'Tyr-142' of histone H2AX (H2AXY142ph). H2AXY142ph plays a central role in DNA repair and acts as a mark that distinguishes between apoptotic and repair responses to genotoxic stress. Essential component of the WICH complex, a chromatin remodeling complex that mobilizes nucleosomes and reconfigures irregular chromatin to a regular nucleosomal array structure. The WICH complex regulates the transcription of various genes, has a role in RNA polymerase I and RNA polymerase III transcription, mediates the histone H2AX phosphorylation at 'Tyr-142', and is involved in the maintenance of chromatin structures during DNA replication processes. In the complex, it mediates the recruitment of the WICH complex to replication foci during DNA replication.

## References

Note: This product is for in vitro research use only