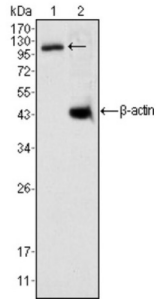
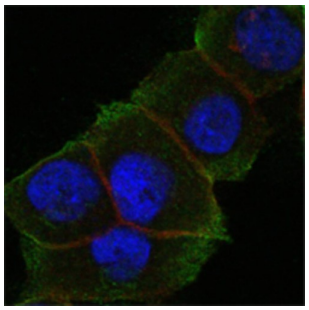
Death Domain Associated Protein / DAP6 (DAXX) Antibody

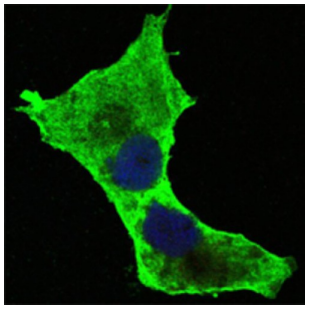
Catalogue No.:abx010630



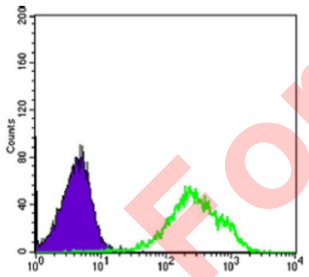
Western blot analysis using DAXX antibody against K562 cell lysate (1).



Confocal immunofluorescence analysis of PANC-1 cells using DAXX antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Confocal immunofluorescence analysis of Hela cells using DAXX antibody (green). Red: Actin filaments have been labeled with AF555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Hela cells using DAXX antibody (green) and negative control (purple).

Daxx is a transcriptional co-regulatory protein. Proposed to mediate activation of the JNK pathway and apoptosis via ASK1 in response to signaling from FAS and TGF beta R2. Glucose deprivation activates the ASK1-SEK1-JNK1-HIPK1 pathway, relocalizing Daxx from the nucleus to the cytoplasm, where Daxx binds to ASK1, and subsequently leads to ASK1 oligomerization. Interaction with HSP27 may prevent interaction with TGF beta R2 and ASK1 and block DAXX-mediated apoptosis. Seems to act as a transcriptional co- repressor and inhibits PAX3 and ETS1 through direct protein- protein interaction. Its transcription repressor activity is modulated by recruiting it to subnuclear compartments like the nucleolus or PML/POD/ND10 nuclear bodies through interactions with MCSR1 and PML, respectively. Two alternatively spliced isoforms have been described.

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Target:	Death Domain Associated Protein / DAP6 (DAXX)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human DAXX expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9UER7 (UniProt, ExPASy)
Gene Symbol:	DAXX
GeneID:	1616
OMIM:	603186
HGNC:	2681
Ensembl:	ENSG00000204209
String:	9606.ENSP00000363668
Molecular Weight:	81 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.

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