ARG55818
anti-USP11 / UHX1 antibody [1220CT620.193.189]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes USP11 / UHX1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	1220CT620.193.189
Isotype	IgG1, kappa
Target Name	USP11 / UHX1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 32-300 (C-terminus) of Human USP11.
Conjugation	Un-conjugated
Alternate Names	UHX1; Deubiquitinating enzyme 11; Ubiquitin thioesterase 11; Ubiquitin carboxyl-terminal hydrolase 11; Ubiquitin-specific-processing protease 11; EC 3.4.19.12

Application Instructions

Application table

Application	Dilution
FACS	1:25
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: Jurkat

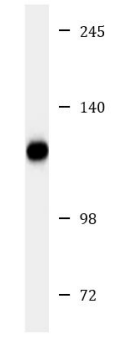
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 8237 Human Swiss-port # P51784 Human
Gene Symbol	USP11
Gene Full Name	ubiquitin specific peptidase 11
Background	Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This gene encodes a deubiquitinating enzyme which lies in a gene cluster on chromosome Xp11.23 [provided by RefSeq, Jul 2008]
Function	Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains. Inhibits the degradation of target proteins by the proteasome. Plays a role in the regulation of pathways leading to NF-kappa-B activation. Plays a role in the regulation of DNA repair after double-stranded DNA breaks. [UniProt]
Calculated Mw	110 kDa
Cellular Localization	Nucleus. Cytoplasm. Note=Predominantly nuclear. Associates with chromatin

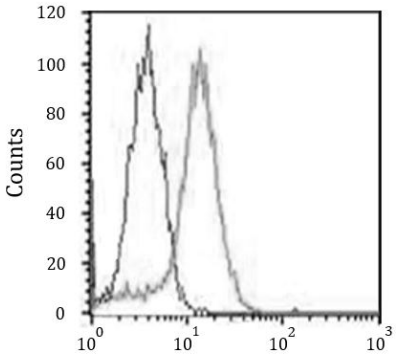
Images



Jurkat

ARG55818 anti-USP11 / UHX1 antibody WB image

Western blot: 35 µg of Jurkat cell lysate stained with ARG55818 anti-USP11 / UHX1 antibody at 1:1000 dilution.



ARG55818 anti-USP11 / UHX1 antibody FACS image

Flow Cytometry: HeLa cells stained with ARG55818 anti-USP11 / UHX1 antibody (right histogram) at 1:25 dilution or isotype control antibody (left histogram), followed by incubation with Alexa Fluor® 488 labelled secondary antibody.