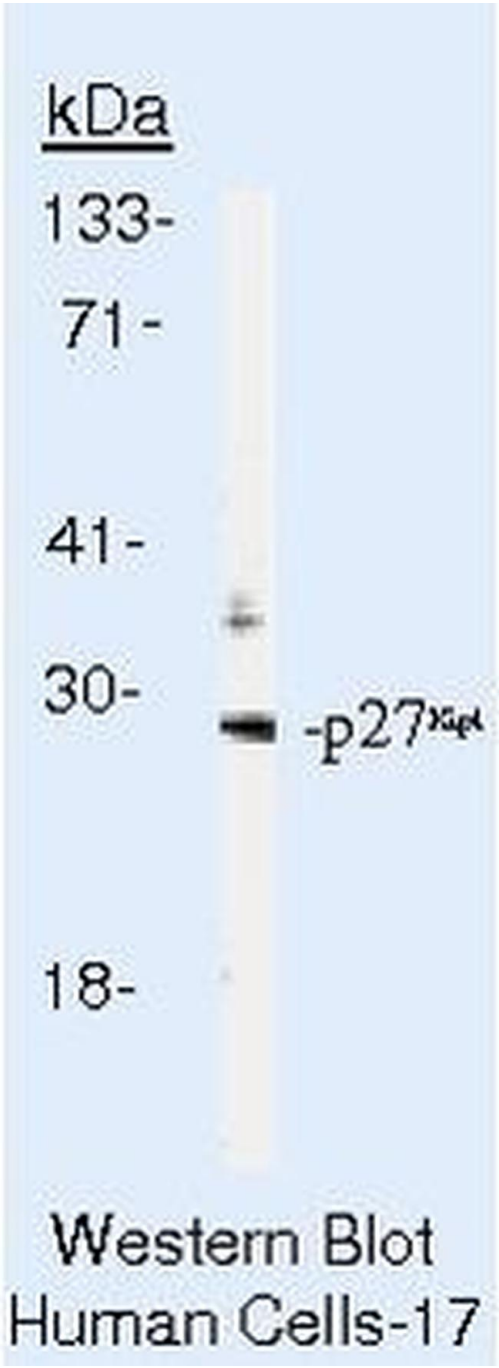
p27 Kip1 Monoclonal Antibody (DCS-72.F6)

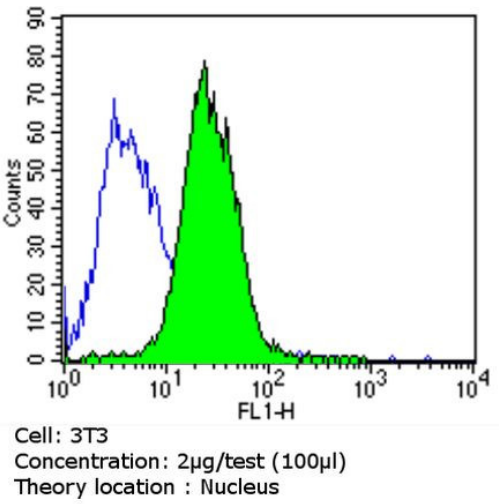
Product Details	
Size	100 µg
Species Reactivity	Dog, Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	DCS-72.F6
Conjugate	Unconjugated
Immunogen	Mouse recombinant p27Kip1 protein.
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	4° C
RRID	AB_2536379

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	7 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	2 Publications
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	Assay-Dependent	-
Immunoprecipitation (IP)	Assay-Dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

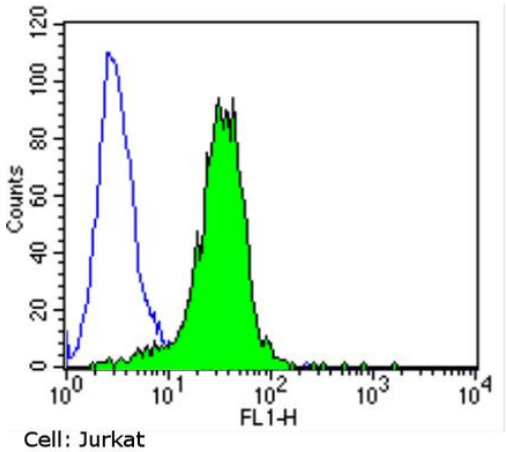
Product Images For p27 Kip1 Monoclonal Antibody (DCS-72.F6)



p27 Kip1 Antibody (AHZ0452) in WB
Western blot analysis of P27Kip1/CDKN1B in LS174T cells using a P27Kip1 /CDKN1B monoclonal antibody (Product # AHZ0452).



p27 Kip1 Antibody (AHZ0452) in Flow
Flow cytometry analysis of p27Kip1 in NIH-3T3 cells (green) compared to an isotype control (blue). Cells were harvested, adjusted to a concentration of 1-5x10^6 cells/mL, fixed with 2% paraformaldehyde and washed with PBS. Cells were blocked with a 2% solution of BSA-PBS for 30 min at room temperature and incubated with a p27Kip1 monoclonal antibody (Product # AHZ0452) at a dilution of 2 µg/test for 60 min at room temperature. Cells were then incubated for 40 min at room temperature in the dark using a Dylight 488-conjugated goat anti-mouse IgG (H+L) secondary antibody and re-suspended in PBS for FACS analysis.



p27 Kip1 Antibody (AHZ0452) in Flow
Flow cytometry analysis of p27Kip1 in Jurkat cells (green) compared to an isotype control (blue). Cells were harvested, adjusted to a concentration of 1-5x10^6 cells/mL, fixed with 2% paraformaldehyde and washed with PBS. Cells were blocked with a 2% solution of BSA-PBS for 30 min at room temperature and incubated with a p27Kip1 monoclonal antibody (Product # AHZ0452) at a dilution of 2 µg/test for 60 min at room temperature. Cells were then incubated for 40 min at room temperature in the dark using a Dylight 488-conjugated goat anti-mouse IgG (H+L) secondary antibody and re-suspended in PBS for FACS analysis.

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13 References

Western Blot (7)

BMC cancer

Response of neuroblastoma cells to RF currents as a function of the signal frequency.

"AHZ0452 was used in Western Blotting to study the effect of signal frequency in the response of the human neuroblastoma cell line NB69 to subthermal electric treatment."

Authors: Hernández-Bule ML,Medel E,Colastra C,Roldán R,Úbeda A

Year
2019

Species
Human

Dilution
1:300

International journal of molecular sciences

Power Frequency Magnetic Fields Affect the p38 MAPK-Mediated Regulation of NB69 Cell Proliferation Implication of Free Radicals.

"AHZ0452 was used in western blot to elucidate the affect of p38 MAPK-mediated regulation of NB69 cell proliferation implication of free radicals by power frequency magnetic fields"

Authors: Martínez MA,Úbeda A,Moreno J,Trillo MÁ

Year
2016

Species
Human

Dilution
1:500

View more WB references on thermofisher.com

Immunohistochemistry (2)

Journal of oral and maxillofacial pathology : JOMFP

Evaluating the expression of p16 and p27 in oral epithelial dysplasias and oral squamous cell carcinoma: A diagnostic marker for carcinogenesis.

"AHZ0452 was used in Immunohistochemistry-immunofluorescence to demonstrate that p16 and p27 could be used as a diagnostic marker for predicting carcinogenesis in epithelial dysplasia."

Authors: Thambiah LJ,Bindushree RV,Anjum A,Pugazhendi SK,Babu L,Nair RP

Year
2022

Species
Human

Proceedings of the National Academy of Sciences of the United States of America

Injury-independent induction of reactive gliosis in retina by loss of function of the LIM homeodomain transcription factor Lhx2.

Authors: de Melo J,Miki K,Rattner A,Smallwood P,Zibetti C,Hirokawa K,Monuki ES,Campochiaro PA,Blackshaw S

Year
2012

Species
Human
Mouse

More applications with references on thermofisher.com

IHC (P) (2) **ICC/IF (1)** **Misc (1)**