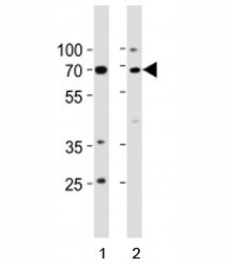
p73 Antibody (F51407)

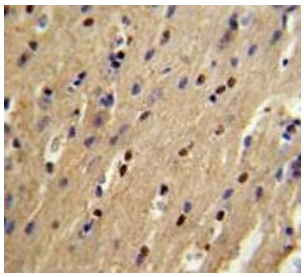
Catalog No.	Formulation	Size
F51407-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51407-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

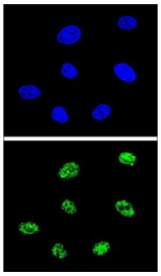
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O15350
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This p73 antibody is available for research use only.



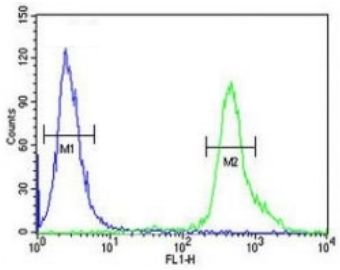
p73 antibody western blot analysis in 1) human K562 cell line and 2) mouse brain tissue lysate.



p73 antibody IHC analysis in formalin fixed and paraffin embedded mouse brain.



Confocal immunofluorescent analysis of p73 antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



p73 antibody flow cytometric analysis of 293 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

TP73 is tumor protein p73, which is a member of the p53 family of transcription factors involved in cellular responses to stress and development. The family members include p53, p63, and p73 and have high sequence similarity to one another, which allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways involving direct or indirect protein interactions, resulting in regulation of the same target gene promoters or regulation of each other's promoters. The p73 protein is expressed at very low levels in normal tissues and is differentially expressed in a number of tumors.

Application Notes

Titration of the p73 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 288-317 from the human protein was used as the immunogen for this p73 antibody.

Storage

Aliquot the p73 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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