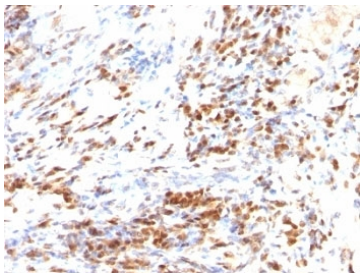
p27 Antibody Cocktail DCS-72.F6 + KIP1/769 / Mouse MAb Cocktail [clone DCS-72.F6 + KIP1/769] (V2438)

Catalog No.	Formulation	Size
V2438-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2438-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2438SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2438IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	DCS-72.F6 + KIP1/769
Purity	Protein G affinity chromatography
UniProt	P46527
Localization	Nuclear
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 0.5-1ug/ml Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT
Limitations	This p27 Antibody Cocktail DCS-72.F6 + KIP1/769 is available for research use only.



p27 Antibody Cocktail DCS-72.F6 + KIP1/769 IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with p27 antibody (DCS-72.F6 + KIP1/769).

Description

p27 Antibody Cocktail DCS-72.F6 + KIP1/769 recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. It is highly specific and shows no cross-reaction with other related mitotic inhibitors. p27Kip1 functions as a negative regulator of G1 progression and has been proposed to function as a possible mediator of TGF-induced G1 arrest. p27Kip1 is a candidate tumor suppressor gene. This mAb co-precipitates cdk4 in complex p27Kip1 and is excellent for staining of formalin-fixed tissues.

For additional research options, explore our highly published p27Kip1 Antibody SX53G8, a well-established monoclonal antibody targeting CDKN1B.

Application Notes

Optimal dilution of the p27 Antibody Cocktail DCS-72.F6 + KIP1/769 to be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Mouse recombinant protein (DCS-72.F6) and recombinant human protein (KIP1/769) were used as the immunogen for the p27 antibody cocktail.

Storage

Store the p27 antibody cocktail at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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