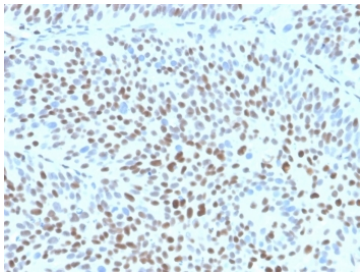
Recombinant p27Kip1 Antibody KIP1/1355R / p27 / CDKN1B [clone KIP1/1355R] (V9526)

Catalog No.	Formulation	Size
V9526-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9526-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9526SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

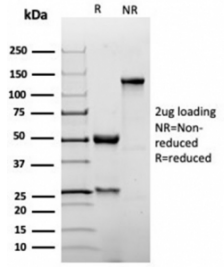
Recombinant RABBIT MONOCLONAL

Bulk quote request

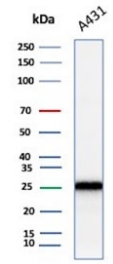
Species Reactivity	Human, Mouse, Rat, Hamster, Rabbit, Guinea pig
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	KIP1/1355R
Purity	Protein A/G affinity
UniProt	P46527
Localization	Nuclear
Applications	Western blot: 2-4ug/ml (Human/Mouse/Rat/Rabbit/Hamster/Guinea pig) Immunohistochemistry (FFPE): 1-2ug/ml (Human)
Limitations	This Recombinant p27Kip1 Antibody KIP1/1355R is available for research use only.



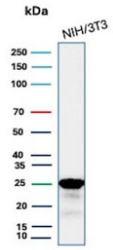
Recombinant p27Kip1 Antibody KIP1/1355R Human Bladder Tissue IHC. Immunohistochemistry staining of FFPE human bladder tissue with recombinant p27Kip1 antibody (clone clone KIP1/1355R) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing. Strong nuclear staining observed.



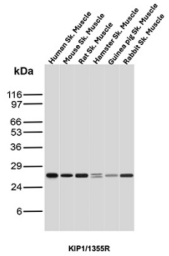
SDS-PAGE analysis of purified, BSA-free recombinant p27Kip1 antibody (clone KIP1/1355R) as confirmation of integrity and purity.



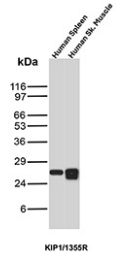
Western blot testing of human A431 cell lysate with recombinant p27Kip1 antibody. Expected molecular weight ~27 kDa.



Western blot testing of mouse NIH 3T3 cell lysate with recombinant p27Kip1 antibody. Expected molecular weight ~27 kDa.



Recombinant p27Kip1 Antibody KIP1/1355R Multi-Species Skeletal Muscle WB. Western blot analysis of p27Kip1 / CDKN1B expression across skeletal muscle lysates from multiple species using p27Kip1 antibody clone KIP1/1355R. Lane 1: human skeletal muscle lysate, Lane 2: mouse skeletal muscle lysate, Lane 3: rat skeletal muscle lysate, Lane 4: hamster skeletal muscle lysate, Lane 5: guinea pig skeletal muscle lysate, Lane 6: rabbit skeletal muscle lysate. A band is detected at approximately 27-29 kDa in all samples, consistent with the predicted molecular weight of p27Kip1 (CDKN1B), a cyclin-dependent kinase inhibitor that regulates cell cycle progression. The consistent signal across species supports the use of this clone for cross-species western blot analysis.



Recombinant p27Kip1 Antibody KIP1/1355R Human Tissue WB. Western blot analysis of p27Kip1 / CDKN1B expression in human tissue lysates using p27Kip1 antibody clone KIP1/1355R. Lane 1: human spleen lysate, Lane 2: human skeletal muscle lysate. A band is detected at approximately 27-29 kDa in both samples, consistent with the predicted molecular weight of p27Kip1 (CDKN1B), a cyclin-dependent kinase inhibitor that regulates cell cycle progression. Detection across distinct tissue types supports the use of this clone for western blot analysis in diverse human samples.

Description

Recombinant p27Kip1 Antibody KIP1/1355R recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. It functions as a negative regulator of G1 progression and has been proposed to function as a possible mediator of TGF-b induced G1 arrest.

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

Application Notes

Optimal dilution of the Recombinant p27Kip1 Antibody KIP1/1355R should be determined by the researcher.

Immunogen

Recombinant full-length human CDKN1B protein was used as the immunogen for the recombinant p27Kip1 antibody.

Storage

Aliquot the recombinant p27Kip1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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