

Product Datasheet

p27/Kip1 Antibody (SU37-04) NBP2-67485

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67485

p27/Kip1 Antibody (SU37-04)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SU37-04
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

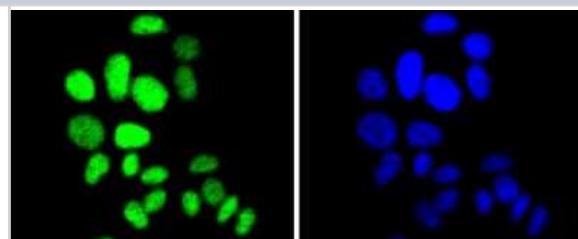
Host	Rabbit
Gene Symbol	CDKN1B
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human p27/Kip1 aa 149-198 / 198. (SwissProt: P46527 Human; SwissProt: P46414 Mouse; Unigene:29897 Rat)

Product Application Details

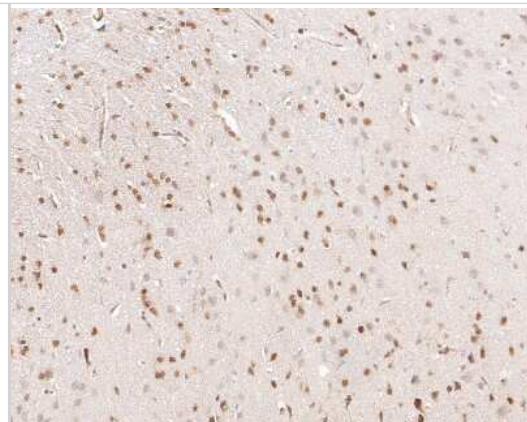
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100-1:500

Images

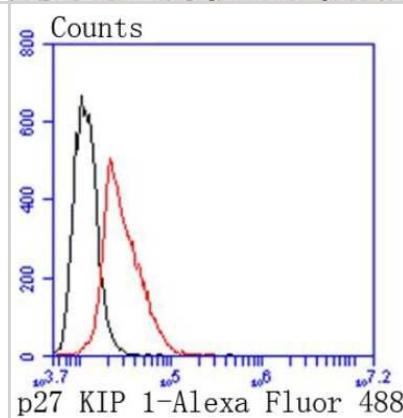
Immunocytochemistry/Immunofluorescence: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Staining p27 KIP 1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



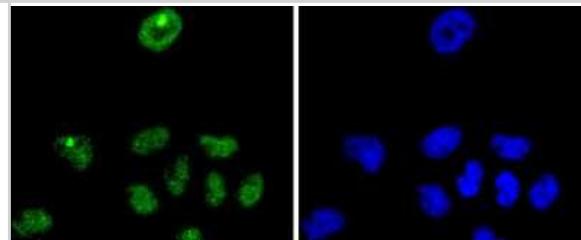
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-p27/Kip1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1608-61, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



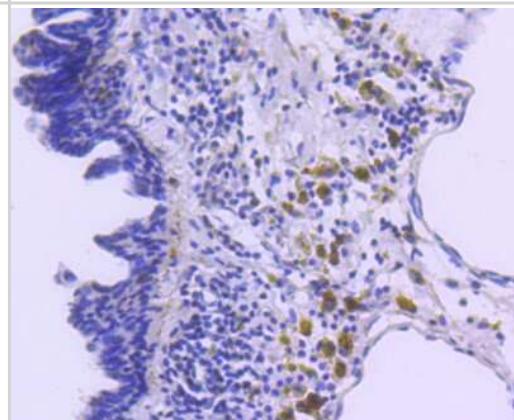
Flow Cytometry: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Analysis of HeLa cells with p27 KIP 1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



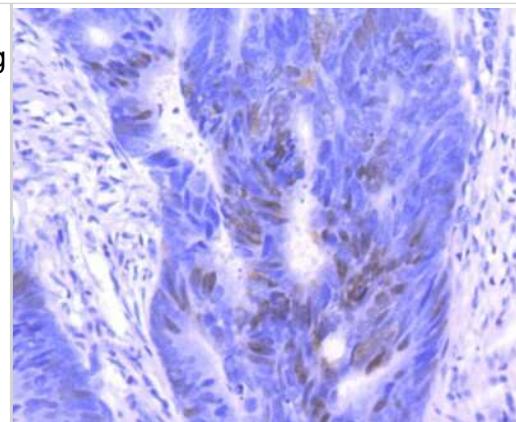
Immunocytochemistry/Immunofluorescence: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Staining p27 KIP 1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



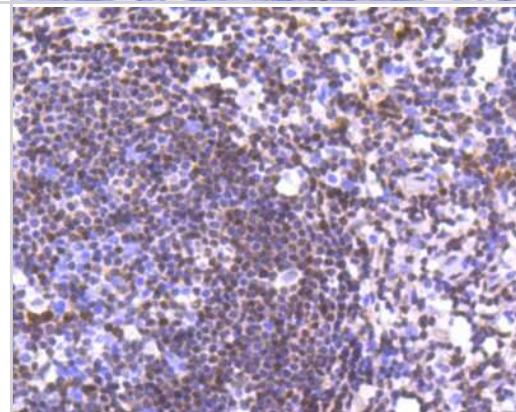
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-p27 KIP 1 antibody. Counter stained with hematoxylin.



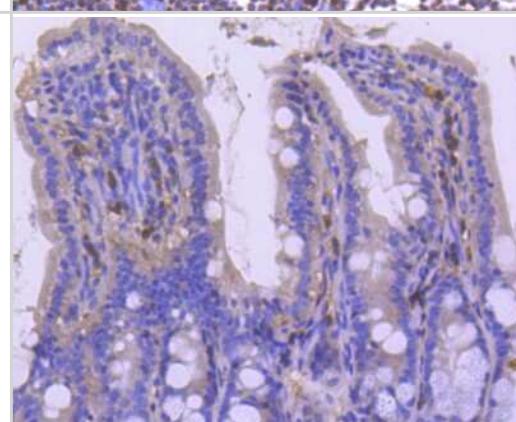
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Analysis of paraffin-embedded human colon cancer tissue using anti-p27 KIP 1 antibody. Counter stained with hematoxylin.



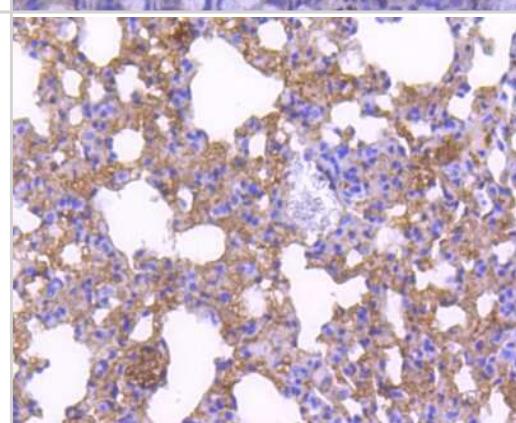
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Analysis of paraffin-embedded human tonsil tissue using anti-p27 KIP 1 antibody. Counter stained with hematoxylin.



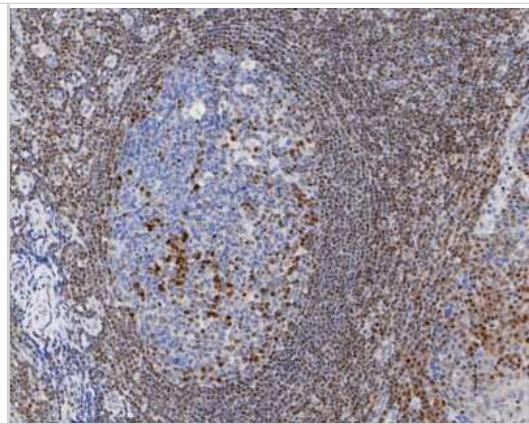
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Analysis of paraffin-embedded mouse colon tissue using anti-p27 KIP 1 antibody. Counter stained with hematoxylin.



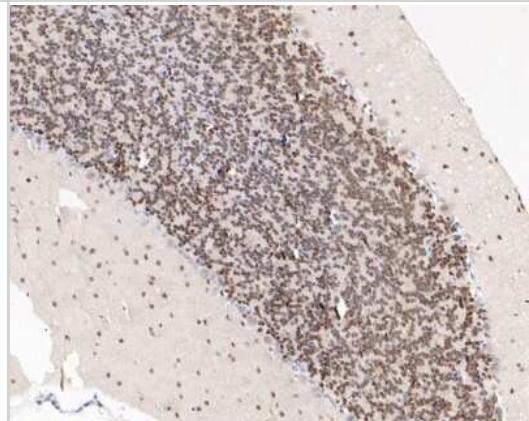
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Analysis of paraffin-embedded mouse lung tissue using anti-p27 KIP 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-p27/Kip1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1608-61, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SU37-04) [NBP2-67485] - Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-p27/Kip1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1608-61, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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