

Datasheet for ABIN1449282

anti-CDKN2B antibody**3** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CDKN2B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDKN2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	GST-full length human p15INK4b
Clone:	1F6
Isotype:	IgG1
Specificity:	This antibody reacts with p15INK4b (15 kDa).
Cross-Reactivity (Details):	Species reactivity (tested): Human (HeLa, 293T, transfectant), does not react with Mouse (NIH/3T3, P3U1) and Rat (PC12, Rat1)
Purification:	Protein A agarose

Target Details

Target:	CDKN2B
Alternative Name:	CDKN2B / p15INK4b (CDKN2B Products)

Target Details

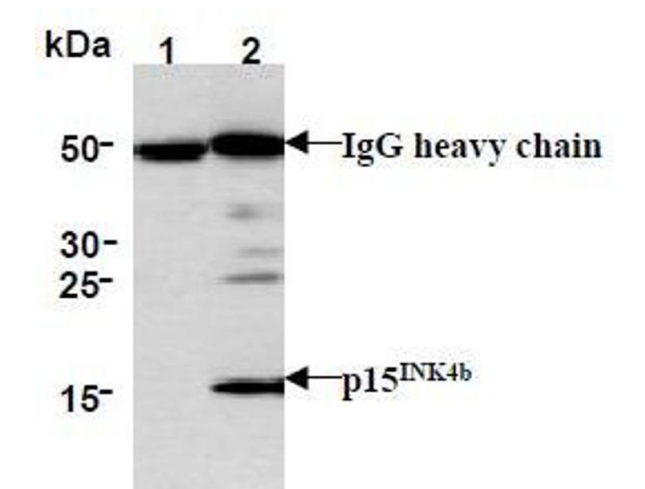
Background:	Progression through the G1 phase of the cell cycle is regulated in part by the D-type cyclin-dependent kinases, cdk4 and cdk6. p15INK4b is a specific inhibitor of cdk4/cdk6 and is periodically expressed during cell cycle. Induction of p15INK4b is important for TGF β -mediated cytostasis in epithelial cells but not in hematopoietic cells, it may act as an effector of TGF- β mediated cell arrest.Synonyms: Cyclin-dependent kinase 4 inhibitor B, MTS2, Multiple tumor suppressor 2, p14-INK4b, p14INK4b, p15-INK4b
Gene ID:	1030
NCBI Accession:	NP_004927
UniProt:	P42772
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

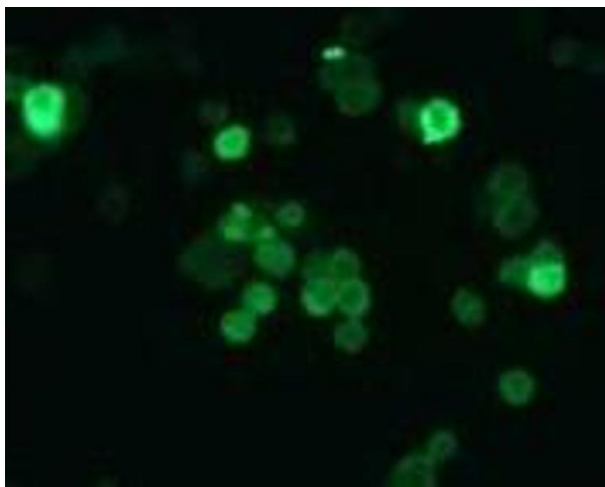
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. Contains no preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.



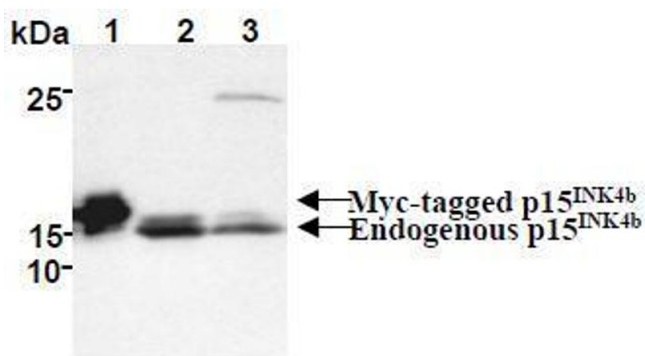
Western Blotting

Image 1.



Immunofluorescence

Image 2.



Western Blotting

Image 3.