BOSTER BIOLOGICAL TECHNOLOGY
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Anti-p16INK4a/CDKN2 Antibody (Monoclonal, 35C85)

Catalog Number: M00016-7

About CDKN2A

p16 (INK4A), also known as cyclin-dependent kinase inhibitor 2A (CDKN2A), or multiple tumor suppressor 1 (MTS1). The p16 gene (CDKN2A) was mapped to 9p21. The p16 gene encodes a negative regulator of the cell cycle. CDKN2 plays an important role during tumorigenesis or tumor progression in a significant proportion of pancreatic adenocarcinomas. Germ-line mutations in the CDKN2A tumor-suppressor gene have been linked to the development of melanoma in some families with inherited melanoma.

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Overview

Product Name	Anti-p16INK4a/CDKN2 Antibody (Monoclonal, 35C85)
Reactive Species	Human
Description	Boster Bio Anti-p16INK4a/CDKN2 Antibody (Monoclonal, 35C85) catalog # M00016-7. Tested in IHC, ICC, WB applications. This antibody reacts with Human.
Application	IHC, ICC, WB
Clonality	Monoclonal 35C85
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9R0Z3

Technical Details

Immunogen	Recombinant human p16 protein.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(F) and ICC.
Cross Reactivity	No cross-reactivity with other proteins

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Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 0.5-1ug/ml, Human Immunohistochemistry (Paraffin-embedded Section), 5ug/ml, Human Immunohistochemistry (Frozen Section), 1-2ug/ml, Human Immunocytochemistry , 1ug/ml, Human

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For Research Use Only. Not for use in diagnostic procedures.