CDKN2A/p16INK4a (DGR33739) Rat mAb

db22628 **Package : 10μL 20μL 50μL 100μL**

Product Name : CDKN2A/p16INK4a (DGR33739) Rat mAb
Cat.No.: db22628
Synonyms : Arf; p16; MTS1; Pctr1; p19ARF; p16INK4a; p19; ARF-INK4a; INK4a-ARF; Ink4a/Arf; p16(INK4a)
Application : IHC
Reactivity : Mouse
Host species : Rat

Background	Enables MDM2/MDM4 family protein binding activity; enzyme inhibitor activity; and protein N-terminus binding activity. Involved in several processes, including negative regulation of lymphocyte proliferation; positive regulation of apoptotic process; and regulation of transcription, DNA-templated. Acts upstream of or within several processes, including negative regulation of cellular protein metabolic process; negative regulation of mammary gland epithelial cell proliferation; and positive regulation of apoptotic process involved in mammary gland involution. Located in cytoplasm and granular component. Part of protein-containing complex. Is expressed in several structures, including bone marrow; central nervous system; dorsal root ganglion; eye; and testis. Human ortholog(s) of this gene implicated in several diseases, including breast cancer (multiple); carcinoma (multiple); hematologic cancer (multiple); melanoma (multiple); and nervous system cancer (multiple). Orthologous to human CDKN2A (cyclin dependent kinase inhibitor 2A). [provided by Alliance of Genome Resources, Apr 2022]
Immunogen	Recombinant protein of mouse CDKN2A/p16INK4a
Gene ID	12578
Swiss Prot	P51480
Synonyms	Arf; p16; MTS1; Pctr1; p19ARF; p16INK4a; p19; ARF-INK4a; INK4a-ARF; Ink4a/Arf; p16(INK4a)
Reactivity	Mouse
Application	IHC
Recommended dilution	IHC: 1:100
Calculated MW	18 kDa
Host species	Rat
Clonality	Monoclonal
Clonality No.	DGR33739

Isotype	IgG2a
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.