

Recombinant

DGRmAb®

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-P**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-P

Recommended dilution

IHC-P: 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.