

## Recombinant

## p16 (BPM6238) Mouse mAb

db30195

Package : 100μL

**Product Name** : p16 (BPM6238) Mouse mAb**Cat.No.:** db30195**Synonyms** : ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A**Application** : IHC**Reactivity** : Human**Host species** : Mouse**Background**

The progression of cells through the cell cycle is regulated by a family of protein kinases known as cyclin-dependent kinases (Cdks). The sequential activation of individual members of this family and their consequent phosphorylation of critical substrates promotes orderly progression through the cell cycle. Moreover, the gene encoding p16 INK4A exhibits a high frequency of homozygous deletions and point mutations in established human tumor cell lines.

**Immunogen**

Full length recombinant p16 INK4A of human origin was used as an immunogen

**Swiss Prot**

P42771

**Synonyms**

ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A

**Reactivity**

Human

**Application**

IHC

**Recommended dilution**

IHC: 1:100-1:200

**Calculated MW**

17 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

BPM6238

**Isotype**

IgG

**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.

- Immunohistochemistry of paraffin-embedded human cervical intraepithelial neoplasias using p16 antibody at dilution of 1:200 (200x lens).