

Product Datasheet

SMN/Gemin 1 (2F1) Mouse mAb

Catalog No: AB3487

Reactivity: Human,Monkey

Isotype: Mouse IgG1

Applications: WB,IHC,FC,IP



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Information

UniProt ID: Q16637

All Names: SMN1; SMN; SMNT; SMN2; SMNC; Survival motor neuron protein; Component of gems 1; Gemin-1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 39kDa

Application

WB: 1/500-1/1000

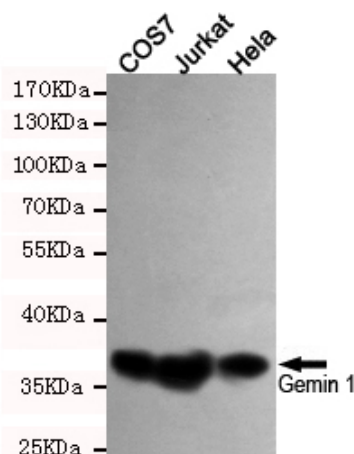
IHC: 1/50-1/100

IP: 1/20

FC: 1/50-1/100

Background

Swiss-Prot Acc.Q16637.This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. The telomeric and centromeric copies of this gene are nearly identical and encode the same protein.



Western blot analysis of Gemin 1 in COS7, Jurkat and HeLa lysates using Gemin 1 antibody.

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