

INTS3 Recombinant Mouse mAb

Catalog # AP96368

Product Information

Application	WB
Reactivity	Human
Predicted	Mouse
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG2b/Kappa
Purity	affinity purified by Protein G

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SIMILARITY Belongs to the Integrator subunit 3 family.

SUBUNIT Belongs to the multiprotein complex Integrator, at least composed of INTS1, INTS2, INTS3, INTS4, INTS5, INTS6, INTS7, INTS8, INTS9/RC74, INTS10, CPSF3L/INTS11 and INTS12. Component of the SOSS complex, composed of SOSS-B (SOSS-B1/OBFC2B or SOSS-B2/OBFC2A), SOSS-A/INTS3 and SOSS-C/C9orf80. SOSS complexes containing SOSS-B1/OBFC2B are more abundant than complexes containing SOSS-B2/OBFC2A. Interacts with SOSS-B1/OBFC2B, SOSS-B2/OBFC2A and SOSS-C/C9orf80; the interaction is direct. Interacts with NBN/NBS1.

Important Note This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions RNA polymerase II (Pol II) is an enzyme that is composed of twelve subunits and is responsible for the transcription of protein-coding genes. Transcription initiation requires Pol II-mediated recruitment of transcription machinery to a target promoter, thereby allowing transcription to begin. The integrator complex is a multi-protein complex that associates with the C-terminal domain of Pol II and is involved in small nuclear RNA (snRNA) transcription and 3'-end processing. INTS3 (integrator complex subunit 3), also known as INT3 or SOSS-A, is a 1,043 amino acid nuclear protein and is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit and mediates 3-prime end processing of small nuclear RNAs U1 and U2. Expressed in the nucleus, INTS3 exists as four alternatively spliced isoforms and is encoded by a gene located on human chromosome 1q21.3.

Additional Information

Other Names C1orf193; C1orf60; INT3; SOSS-A; SOSSA; INT3_HUMAN; INTS3; SOSS complex subunit A; Sensor of single-strand DNA complex subunit A (SOSS-A | Sensor of ssDNA subunit A); INT3_MOUSE; integrator complex subunit 3; chromosome 1 open reading frame 60; sensor of single-strand DNA complex subunit A

Dilution WB=1:500-1000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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