SC35 RABBIT MAB

Cat.#: N262869

Product Name: Anti-SC35 Rabbit Monoclonal Antibody

Synonyms: Protein PR264; Splicing component; 35 kDa; Splicing factor SC35; SC-35; Splicing factor; arginine/serine-rich 2

UNIPROT ID: Q01130

Background: Necessary for the splicing of pre-mRNA. It is required for formation of the earliest ATP-dependent splicing complex and interacts with spliceosomal components bound to both the 5'- and 3'-splice sites during spliceosome assembly. It also is required for ATP-dependent interactions of both U1 and U2 snRNPs with pre-mRNA. Interacts with other spliceosomal components, via the RS domains, to form a bridge between the 5'- and 3'-splice site binding components, U1 snRNP and U2AF. Binds to purine-rich RNA sequences, either 5'-AGSAGAGTA-3' (S=C or G) or 5'-GTTCGAGTA-3'. Can bind to beta-globin mRNA and commit it to the splicing pathway. The phosphorylated form (by SRPK2) is required for cellular apoptosis in response to cisplatin treatment.

Immunogen: A synthetic peptide of human SC35

Applications: WB,IHC-P,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-7J2

MW: Calculated MW: 25 kDa; Observed MW: 35 kDa

Isotype: IgG

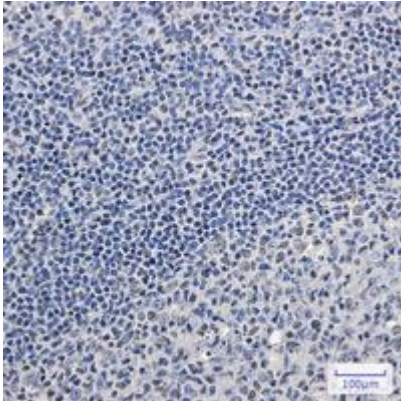**Purification:** Affinity Purified

Species Reactivity: Human,Rat

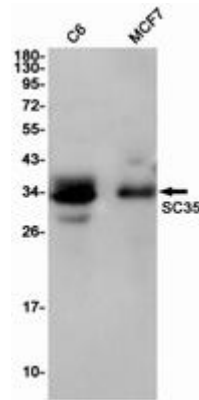**Conjugation:** Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin-embedded Human tonsil using SC35 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of SC35 in C6, MCF-7 lysates using SC35 antibody.