# IHC*easy* SFRS2 Ready-To-Use IHC Kit

## Catalog Number: KHC0165

## General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

## Kit Component

| Component | Size | Concentration |
|---|---|---|
| Antigen Retrieval Buffer | 100 mL | 50× |
| Washing Buffer | 100 mL ×2 | 20× |
| Blocking Buffer | 5 mL | RTU |
| Primary Antibody | 5 mL | RTU |
| Secondary Antibody | 5 mL | RTU |
| Chromogen Component A | 0.2 mL | RTU |
| Chromogen Component B | 4 mL | RTU |
| Signal Enhancer | 5 mL | RTU |
| Counter Staining Reagent | 5 mL | RTU |
| Mounting Media | 5 mL | RTU |
| Control Slide | 1 slide (Optional) | FFPE |
| Datasheet | 1 Copy | |
| Manual | 1 Copy | |

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

## Background

SFRS2, also named as PR264 and Splicing component, belongs to the splicing factor SR family. SFRS2 is necessary for the splicing of pre-mRNA. Some residue of SFRS2 is modified by phosphorylase and acetylase after translation. 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. It binds to purine-rich RNA sequences, either 5'-AGSAGAGTA-3' (S=C or G) or 5'-GTTCGAGTA-3'. SFRS2 can bind to beta-globin mRNA and commit it to the splicing pathway. This kit does not cross react with SFRS2B.
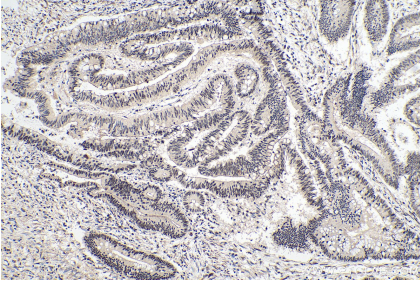
## Synonyms

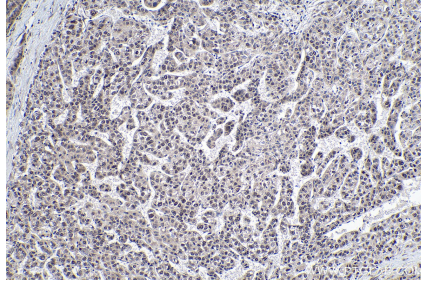PR264, Protein PR264, SC 35, SC35, SFRS2, SFRS2A, Splicing component, 35 kDa, Splicing factor SC35, SRp30b, SRSF2
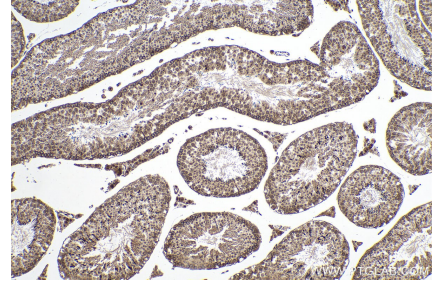
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0165 (SFRS2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0165 (SFRS2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC0165 (SFRS2 IHC Kit).