

IHC*easy* MSI2 Ready-To-Use IHC Kit

Catalog Number: **KHC1014**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

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.

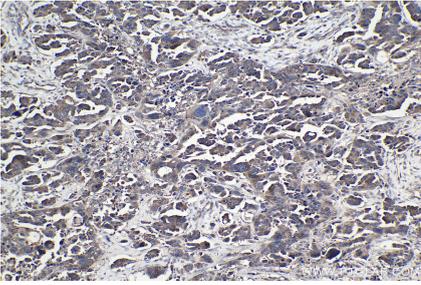
Background

MSI2 is an RNA-binding protein that regulates the expression of target mRNAs at the translation level. It binds to RNA via 2 ribonucleoprotein-type RNA recognition motifs in their N-termini, to consensus motifs in mRNAs to inhibit transcription. It may play a role in the proliferation and maintenance of stem cells in the central nervous system. MSI2 can regulate normal hematopoiesis and promote aggressive myeloid leukemia.

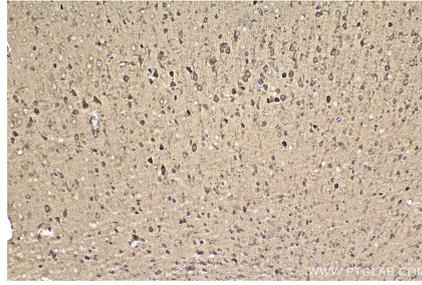
Synonyms

MSI2, MSI2H, Musashi 2, musashi homolog 2 (Drosophila)

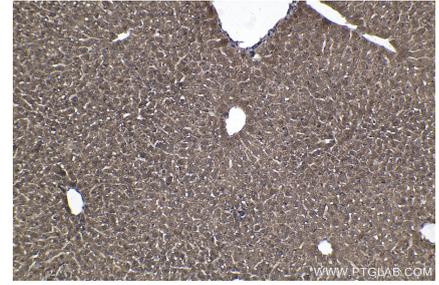
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC1014 (MSI2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC1014 (MSI2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1014 (MSI2 IHC Kit).