

IHC*easy* MBNL1 Ready-To-Use IHC Kit

Catalog Number: **KHC0433**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Mouse Monoclonal

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

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.

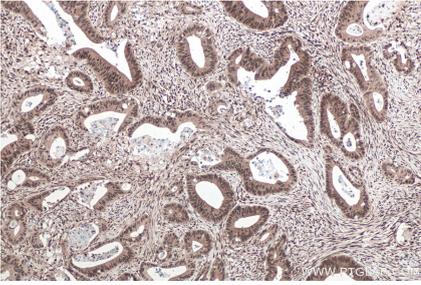
Background

MBNL1 (muscleblind-like 1) is one of the MBNL proteins containing 3 members (MBNL1-3) in vertebrates. And MBNL1 is widely expressed in adult tissues including brain, heart and skeletal muscle. As a highly conserved RNA-binding protein, MBNL1 regulates alternative splicing, alternative polyadenylation, mRNA stability and mRNA localization in the nucleus. The neurological diseases DM1 and DM2 (myotonic dystrophy type 1 and type 2) are caused by expansion of repetitive sequences in non-coding regions in the DMPK gene because of the inappropriate patterns of alternative splicing owing to MBNL1.

Synonyms

DKFZp686P06174, EXP, EXP35, EXP40, EXP42, KIAA0428, MBNL, MBNL1, muscleblind like (Drosophila), Muscleblind like protein 1

Selected Validation Data



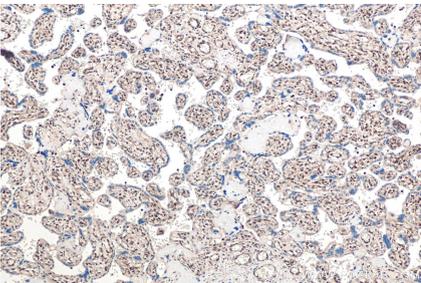
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0433 (MBNL1 IHC Kit).



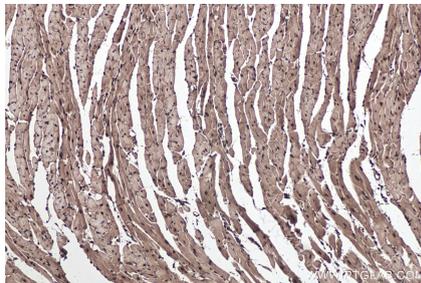
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0433 (MBNL1 IHC Kit).



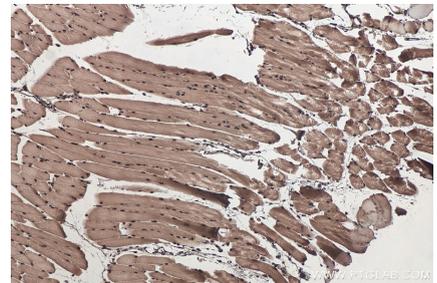
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0433 (MBNL1 IHC Kit).



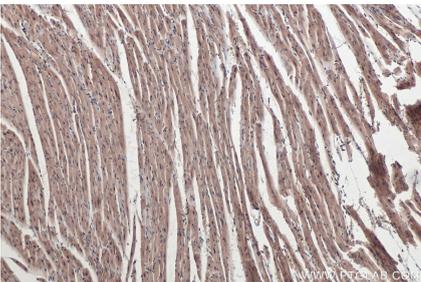
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC0433 (MBNL1 IHC Kit).



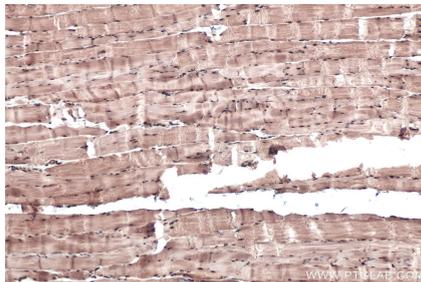
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0433 (MBNL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0433 (MBNL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0433 (MBNL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0433 (MBNL1 IHC Kit).