Datasheet for ABIN7477513

anti-MCM3 antibody

3 Images

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Overview

Quantity:	1 mL
Target:	MCM3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MCM3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Clone:	MSVA-503M
Isotype:	IgG

Target Details

Target:	MCM3
Alternative Name:	MCM3 (MCM3 Products)
Background:	Minichromosome Maintenance Complex Component 3, DNA Polymerase Alpha Holoenzyme-Associated Protein P1, DNA Replication Licensing Factor MCM3, RLF Subunit Beta, P1-MCM3, P102,MCM3 antibody validated for immunohistochemistry on 76 different Normal Tissues
UniProt:	P25205
Pathways:	DNA Damage Repair, Mitotic G1-G1/S Phases, DNA Replication, Chromatin Binding, Synthesis of DNA

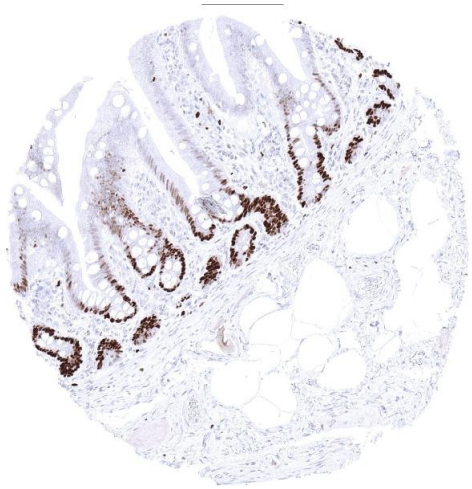
Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Colon: A strong nuclear MCM3 immunostaining should be seen in virtually all crypt base cells. Negative Control: Colon: MCM3 immunostaining should be largely absent in surface epithelial cells and in most stroma cells.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

Handling

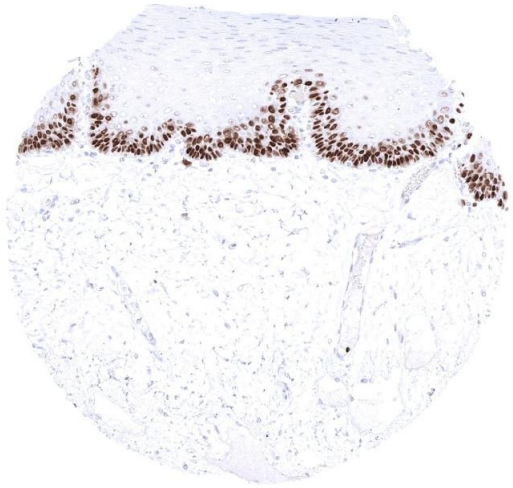
Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.

Images



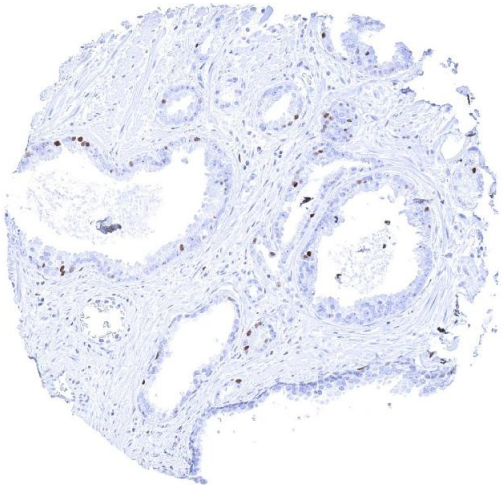
Immunohistochemistry

Image 1. A strong MCM3 immunostaining occurs in duodenal crypt cells



Immunohistochemistry

Image 2. Esophageal squamous epithelium with moderate to strong nuclear MCM3 staining of suprabasal and basal cells



Immunohistochemistry

Image 3. Prostatic adenocarcinoma Gleason 336 with strong MCM3 positivity of few tumor cells

