

Allgemeine Informationen

Katalog-Nr.: 66566-1-Ig	GenBank-Zugangsnummer: BC005185	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1200 µg/ml von51053 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 51053	CloneNo.: 2E3A2
Wirt: Maus	Vollständiger Name: geminin, DNA replication inhibitor	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 24 kDa	
Immunogen Katalognummer: AG24283	Beobachtete Masse: 28 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen, L02-Zellen, NCCIT-Zellen
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Kolonkarzinomgewebe, humanes Tonsillitisgewebe

Hintergrundinformationen

GMNN, also designated geminin, contains 212 amino acids and has a destruction box sequence (RRTLKVIQP). GMNN participates in inhibiting DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC). It is degraded during the metaphase-anaphase transition of cell cycle's mitotic phase, which permits replication in the succeeding cell cycle. GMNN has a broad sedimentation profile ranging from about 25 kDa to 90 kDa, with a major peak at 30 kDa. Scanning of the signals shows that discrete peaks corresponding to apparent mass of 42.5 kDa and 66 kDa are present. (PMID: 15313623)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

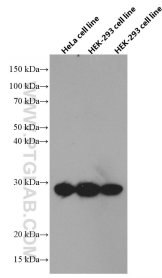
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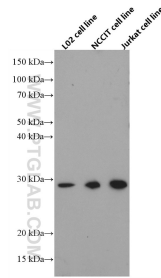
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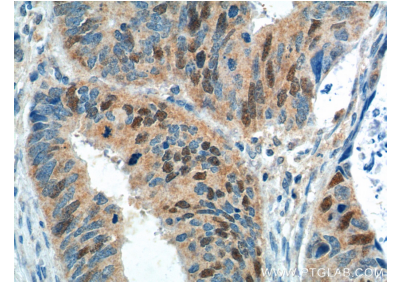
Ausgewählte Validierungsdaten



Various cells were subjected to SDS PAGE followed by western blot with 66566-1-Ig (GMN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66566-1-Ig (GMN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).