

IMP3 Monoklonaler Antikörper

Katalog-Nr.:CL488-66247

Allgemeine Informationen

Katalog-Nr.: CL488-66247	GenBank-Zugangsnummer: BC020557	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von55272 Nanodrop;	GeneID (NCBI): Vollständiger Name: IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)	CloneNo.: 1E7D6
Wirt: Maus	Berechnete Masse: 184 aa, 22 kDa	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2b	Beobachtete Masse: 22 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG23602		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

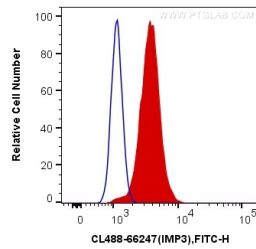
IMP3 is a member of the insulin-like growth factor (IGF-II) mRNA binding protein (IMP) family that consist of IMP1, IMP2, and IMP3. IMP3 is an oncofetal protein associated with aggressive and advanced tumors and is specifically expressed in malignant tumors but not found in benign tissues [PMID:22497850]. IMP3 forms a ternary complex with IMP4 and MPP10 (MPHOSPH10) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing[PMID: 12655004]. CoraLite488-Conjugated IMP3 antibody can stain green. Ex: 488nm, Em: 515nm

Lagerung

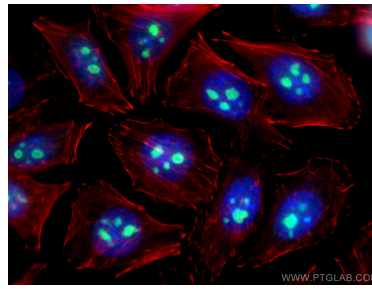
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



1X10⁶ HepG2 cells were intracellularly stained with 0.2 µg CoraLite® Plus 488 Anti-Human IMP3 (CL488-66247, Clone:1E7D6) (red), or 0.2 µg Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488-conjugated IMP3 antibody (CL488-66247, Clone: 1E7D6) at dilution of 1:100, CL594-Phalloidin (red).