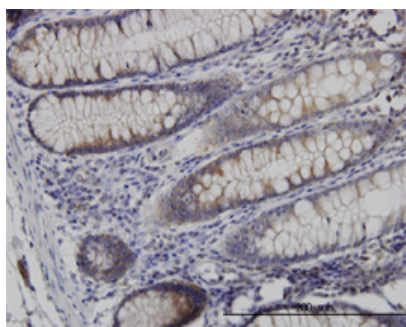


Mouse monoclonal antibody to human Necdin [1B3]: IgG

Catalogue No.:	M-847-100
Description:	Necdin is a growth suppressor that facilitates the entry of the cell into cell cycle arrest. It represses the activity of cell-cycle-promoting proteins such as SV40 large T antigen, adenovirus E1A, and the transcription factor E2F. Necdin also interacts with p53 and works in an additive manner to inhibit cell growth. Functions also as transcription factor and binds directly to specific guanosine-rich DNA sequences. Defects in necdin may be the cause of the Prader-Willi syndrome which is characterised by muscular hypotonia, mental retardation, short stature, obesity, hypogonadotropic hypogonadism, and small hands and feet.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human Necdin protein (222-322) with a GST tag.
Clone:	1B3
Other Names:	NDN
Accession:	NECD_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB, IHC, sandwich ELISA and immunofluorescence. The recommended dilution for this antibody is 1 ug/mL for IHC and 10 ug/mL for immunofluorescence. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Immunohistochemical detection of Necdin on formalin fixed, paraffin-embedded, human colon. Anti-Necdin primary antibody, catalogue number M-847-100, was used at a concentration of 1 µg/ml.

FOR RESEARCH USE ONLY