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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TOB1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00010140-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human TOB1 protein.

Immunogen: TOB1 (NP_005740.1, 1 a.a. ~ 345 a.a) full-length human protein.

Sequence:
 MQLEIQVALNFIISYL YNKLPRRRVNIFGEELERLLKKKYEGHWYPEKPYK
 GSGFRCIHIGEKVDPVIEQASKESGLDIDDVRGNLPQDLSVWIDPFVSY
 QIGEKGPVKVLYVDDNNENGCELDKEIKNSFNPEAQVFMPISDPASSVSS
 SPSPPFGHSAAVSPTFMPRSTQPLTFTTATFAATKFGSTKMKNSGRSNK
 VARTSPINLGLNVNDLLKQKAISSMHSLYGLGLGSQQQPQQQPAQP
 PPPPPPPQQQQQKTSALSPNAKEFIFPNMQGQSSTNGMFPGDSPLN
 LSPLQYSNAFDVFAAYGGLNEKSFVDGLNFSLNNMQYSNQQFQPVMAN

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

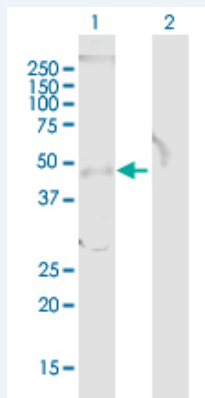
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of TOB1 expression in transfected 293T cell line (H00010140-T01) by TOB1 MaxPab polyclonal antibody.

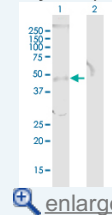
Lane 1: TOB1 transfected lysate(37.95 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

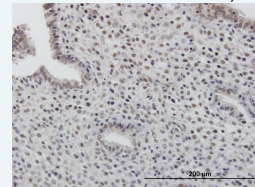
Application Image

Western Blot (Transfected lysate)



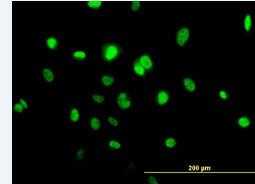
[enlarge](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



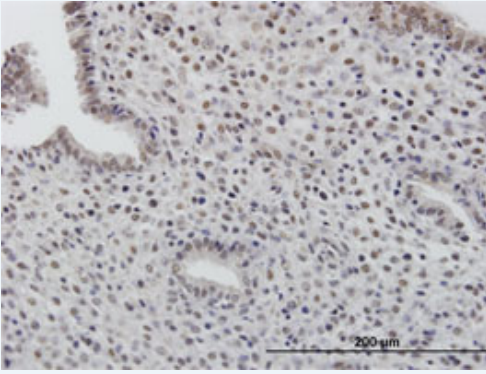
[enlarge](#)

Immunofluorescence



[enlarge](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

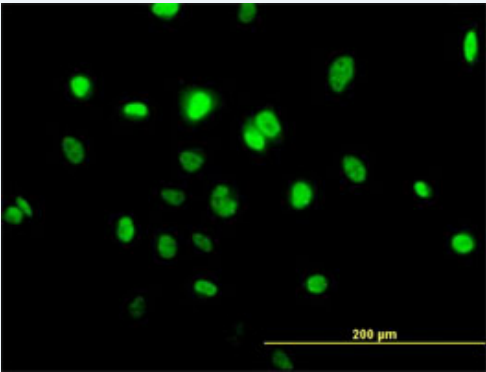


[enlarge this image](#)

Immunoperoxidase of purified MaxPab antibody to TOB1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to TOB1 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Gene Information

Entrez GeneID: [10140](#)

GeneBank Accession#: [NM_005749](#)

Protein Accession#: [NP_005740.1](#)

Gene Name: TOB1

Gene Alias: APRO6,MGC104792,MGC34446,PIG49,TOB,TROB,TROB1

Gene Description: transducer of ERBB2, 1

Omim ID: [605523](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the tob/btg1 family of anti-proliferative proteins that have the potential to regulate cell growth. When exogenously expressed, this protein suppresses cell growth in tissue culture. The protein undergoes phosphorylation by a serine/threonine kinase, 90 kDa ribosomal S6 kinase. Interactions of this protein with the v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 gene product p185 interferes with growth suppression. This protein inhibits T cell proliferation and transcription of cytokines and cyclins. The protein interacts with both mothers against decapentaplegic Drosophila homolog 2 and 4 to enhance their DNA binding activity. This interaction inhibits interleukin 2 transcription in T cells. [provided by RefSeq]

Other transducer of erbB-2
Designations:

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