MATR3 Monoclonal antibody, PBS Only

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Catalog Number:68280-1-PBS

Basic Information

Catalog Number:	68280-1-PBS
Size:	1 mg/ml
Source:	Mouse
Isotype:	IgG2b
Immunogen Catalog Number:	AG31502

GenBank Accession Number:	BC015031
GeneID (NCBI):	9782
UNIPROT ID:	P43243
Full Name:	matrin 3
Calculated MW:	847 aa, 95 kDa
Observed MW:	120 kDa

Purification Method:	Protein A purification
CloneNo.:	3B12C7

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

MATR3, known as KIAA0723, is an 847 amino acid protein, which may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. MATR3 was originally identified as a nuclear matrix protein containing both DNA and RNA binding domains (PMID: 2033075) with a wide variety of functions ranging from DNA damage response to transcriptional and post-transcriptional regulation of cellular and viral RNAs(PMID: 21771346). the calculated molecular weight of MATR3 is 94 kDa, but we detect a 125 kDa protein as a result of PMID: 28977530.
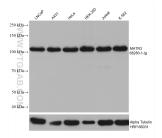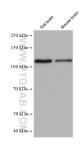
Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 68280-1-Ig (MATR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68280-1-PBS in a different storage buffer formulation.

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