

Product datasheet for **TA809194BM**

Translin (TSN) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI8F9]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI8F9 |
| Applications: | WB |
| Recommended Dilution: | WB 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-51 of human TSN(NP_004613) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 26 kDa |
| Gene Name: | translin |
| Database Link: | NP_004613 Entrez Gene 22099 Mouse Entrez Gene 60381 Rat Entrez Gene 7247 Human Q15631 |



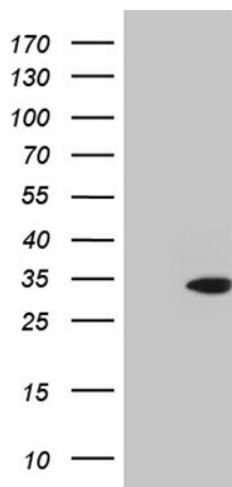
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Background:

This gene encodes a DNA-binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin polypeptides form a multimeric structure that is responsible for its DNA-binding activity. Recombination-associated motifs and translin-binding sites are present at recombination hotspots and may serve as indicators of breakpoints in genes which are fused by translocations. These binding activities may play a crucial role in chromosomal translocation in lymphoid neoplasms. This protein encoded by this gene, when complexed with translin-associated protein X, also forms a Mg ion-dependent endoribonuclease that promotes RNA-induced silencing complex (RISC) activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012]

Synonyms:

BCLF-1; C3PO; RCHF1; REHF-1; TBRBP; TRSLN

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TSN ([RC201804], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TSN (1:2000). Positive lysates [LY417864] (100ug) and [LC417864] (20ug) can be purchased separately from OriGene.