

## **Product datasheet for TA504452**

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# NPTN Mouse Monoclonal Antibody [Clone ID: OTI2F5]

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI2F5
Applications: IF, WB

Recommended Dilution: WB 1:2000, IF 1:100

Reactivity: Human, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human NPTN(NP\_059429) produced in HEK293T

cell

**Formulation:** PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Concentration:** 0.87 mg/ml

**Purification:** Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 28.7 kDa

Gene Name: neuroplastin

Database Link: NP 059429

Entrez Gene 56064 RatEntrez Gene 27020 Human

O9Y639

**Background:** This gene encodes a type I transmembrane protein belonging to the Ig superfamily. The

protein is believed to be involved in cell-cell interactions or cell-substrate interactions.

Alternative splicing results in multiple transcript variants. [provided by RefSeq]

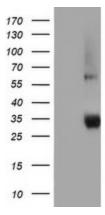
Synonyms: GP55; GP65; np55; np65; SDFR1; SDR1

Protein Families: Druggable Genome, Transmembrane

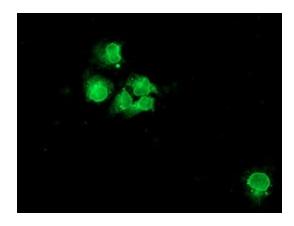




## **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NPTN ([RC210326], 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-NPTN. Positive lysates [LY413759] (100ug) and [LC413759] (20ug) can be purchased separately from OriGene.



Anti-NPTN mouse monoclonal antibody (TA504452) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NPTN ([RC210326]).