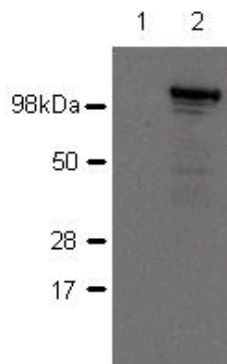


Anti-Mouse NOD2 Purified

Catalog Number: 14-5858

Also Known As: NOD-2, CARD15


RUO: For Research Use Only



Immunoblot of HEK 293T cell control lysate (lane 1) and HEK 293T cells transfected with Mouse NOD2 (lane 2). The blots were probed with 2 µg/ml of Anti-Mouse NOD2 Purified followed by Anti-Rat HRP and visualized by chemiluminescence.

Product Information

Contents: Anti-Mouse NOD2 Purified

 Catalog Number: 14-5858

Clone: 26mNOD2

Concentration: 0.5 mg/ml

Host/Isotype: Rat IgG1, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The monoclonal antibody 26mNOD2 reacts with mouse NOD2. NOD2, also referred to as caspase recruitment domain-containing protein 15 (CARD 15), is a cytosolic protein of approximately 115kDa. NOD2 contains a central NOD (nucleotide oligomerization domain) that is flanked by a C-terminal leucine-rich repeat (LRR) domain and an N-terminal CARD domain. The LRR confers recognition of microbial components such as muramyl dipeptide and the CARD domain confers the ability to interact with RIP2 via homotypic interaction with the RIP2 CARD. This interaction leads to downstream activation of NF-κB.

The antibody 26mNOD2 has been shown to recognize protein from transgenic and transfected cells. Expression on endogenous tissue is still under evaluation.

Applications Reported

This 26mNOD2 antibody has been reported for use in immunoblotting (WB).

Applications Tested

This 26mNOD2 antibody has been tested by immunoblotting of lysates of 293T cells transfected with mouse NOD2.

Special Notes

This antibody has been validated on transfected cell lines and cells from NOD2-transgenic mice.

References

Yang Z, Fuss IJ, Watanabe T, Asano N, Davey MP, Rosenbaum JT, Strober W, Kitani A. NOD2 transgenic mice exhibit enhanced MDP-mediated down-regulation of TLR2 responses and resistance to colitis induction. *Gastroenterology*. 2007 Nov;133(5):1510-21. (26mNOD2, WB)

Related Products

14-5869 Anti-Human NOD2 Purified (2D9)

18-4818 Anti-Rat IgG HRP (Polyclonal)

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