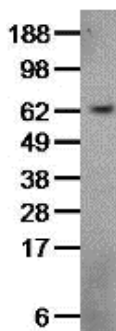


Anti-Human ACT1 Purified

Catalog Number: 14-4040

Also Known As: Nuclear Factor kappa B Activator 1, TRAF3 interacting protein 2, TRAF3IP2, CIKS

RUO: For Research Use Only. Not for use in diagnostic procedures.



Immunoblotting of reduced human peripheral blood mononuclear cell lysates probed with 5 µg/mL of Anti-Human ACT1 Purified. Bands were visualized using Mouse Anti-Rat IgG HRP.

Product Information

Contents: Anti-Human ACT1 Purified

REF **Catalog Number:** 14-4040

Clone: 9ACT12

Concentration: 0.5 mg/mL

Host/Isotype: Rat IgG1

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 9ACT12 reacts with human Act1 (NF-κB activator 1), also known as CIKS (a connection to IκB kinase and stress-activated kinase). Originally cloned for its ability to activate NF-κB and its direct interaction with IKKγ, Act1 has been subsequently shown to play several roles in immunity. In B cells, it is a negative regulator of CD40 and BAFFR signaling affecting reduced survival. This regulation is through direct interaction of Act1 with CD40 or BAFFR and TRAF3. In addition, Act1 is involved in IL-17R signaling. It interacts with IL-17RA through the homotypic SEFIR interaction domain and is critical for downstream NF-κB- and C/EBP-mediated inflammatory responses.

Applications Reported

This 9ACT12 antibody has been reported for use in immunoblotting (WB).

Applications Tested

This 9ACT12 antibody has been tested by immunoblot of human peripheral blood cell lysates. This can be used at less than or equal to 1-5 µg/ml. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

14-4301 Rat IgG1 K Isotype Control Purified

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