TRAF5 Monoclonal Antibody (Clone 55A219)
Item No. 10873

Contents: This vial contains 100 µg of protein G-purified IgG in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide.

Antigen: Fusion protein corresponding to amino acids 77-186 of human TRAF5

Genbank Accession No.: NP_001029082

Host: Mouse

Clone Designation: 55A219

Cross Reactivity: (+) Human and mouse TRAF5

Stability: 26 months at -20°C

Applications: Western blot (WB); the recommended starting concentration for WB is 2 µg/ml. Other applications were not attempted and therefore optimal working dilutions should be determined empirically.

Tumor necrosis factor (TNF)-induced signaling is mediated through association of TNF receptor (TNFR) with adaptor proteins, such as TNF-receptor-associated factors (TRAFs). TRAFs form a family of cytoplasmic adapter proteins that mediate signal transduction from many members of the TNF-receptor superfamily (e.g., RANK, CD30, CD40, etc.) and the interleukin-1 receptor. The carboxy-terminal region of TRAFs is required for self-association and interaction with receptor cytoplasmic domains following ligand-induced oligomerization. Recent molecular cloning studies have led to identification of seven TRAFs (TRAF1-TRAF7). Human TRAF5 is a 557-amino acid protein. TRAF5 is implicated in NF-κB and lymphotoxin-β receptor. Targeted disruption of TRAF5 gene causes defects in CD40-CD27 mediated lymphocyte activation.

References

Related Products
For a list of related products please visit: www.caymanchem.com/catalog/10873

SafETY DATA
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