



CD252 monoclonal antibody

Catalog: MB66937

Host: Mouse

Reactivity: Human

BackGround:

OX40 is a member of the tumor necrosis factor receptor superfamily that regulates T cell activity and immune responses. The OX40 protein contains four cysteine rich domains, a transmembrane domain, and a cytoplasmic tail containing a QEE motif. OX40 is primarily expressed on activated CD4+ and CD8+ T-cells, while the OX40 ligand is predominantly expressed on activated antigen presenting cells. The engagement of OX40 with OX40L leads to the recruitment of TNF receptor-associated factors (TRAFs) and results in the formation of a TCR-independent signaling complex. One component of this complex, PKC α , activates the NF- κ B pathway. OX40 signaling through Akt can also enhance TCR signaling directly. Research studies indicate that the OX40L-OX40 pathway is associated with inflammation and autoimmune diseases. Additional research studies show that OX40 agonists augment anti-tumor immunity in several cancer types.

Product:

Mouse IgM. Supplied in crude ascites with 0.01% sodium azide.

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P23510

Purification&Purity:

Applications:

WB (1/500 - 1/2000)

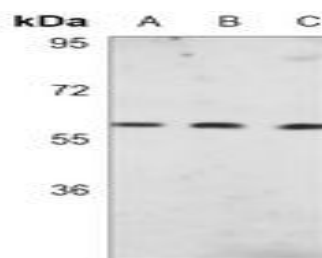
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of CD252 protein.

DATA:



Western blot analysis of CD252 expression in HL60 (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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