BAFFR/TNFRSF13C Polyclonal Antibody

Catalog No. D-AB-10443L

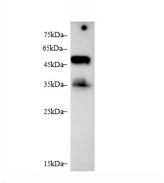
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Rat
Immunogen	Recombinant Human BAFFR/TNFRSF13C protein expressed by Mammalian
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide,1% protective protein and 50% glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western blot with BAFFR/TNFRSF13C Polyclonal antibody at dilution of 1:1000.lane 1:Rat thymus
Observed Mw:38-50 kDa
Calculated Mw:19 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Tumor necrosis factor receptor superfamily,member 13C (TNFRSF13C) also known as B-cell-activating factor receptor (BAFFR) and CD268 antigen,is a member of the tumor necrosis factor receptor superfamily. BAFF promotes the survival of B cells and is essential for B cell maturation. BAFF binds to three TNF receptor superfamily members: B-cell maturation antigen (BCMA/TNFRSF17),transmembrane activator and calcium-modulator and cyclophilin ligand interactor (TACI/TNFRSF13B) and BAFF receptor (BAFF R/BR3/TNFRSF13C). These receptors are type III transmembrane proteins that lack a signal peptide. BAFF R is highly expressed in spleen,lymph node and resting B cells. It is also expressed at lower levels in activated B cell,in resting CD4+ T cells,in thymus and peripheral blood leukocytes. BAFF knockout mice lack mature B cells. Similarly,A/WySnJ mice that are defective in BAFF-R intracellular signaling also lack mature B cells,suggesting that BAFF R is the critical receptor for BAFF during B lymphopoiesis. It has been

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proposed that abnormally high levels of BAFFR/TNFRSF13C (CD268) may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells.

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