

Product datasheet for TA420151

Trem2 Rat Monoclonal Antibody [Clone ID: 78.18]

Product data:

Product Type: Primary Antibodies

Clone Name: 78.18
Applications: FC

Host: Rat

Isotype: IgG1
Clonality: Monoclonal

Immunogen: Mouse TREM-2 Fc fusion protein

Specificity: TREM-2

Formulation: Phosphate buffered saline containing 0.09% Sodium Azide (NaN3)

Label: ALEXA FLUOR® 488,ALEXA FLUOR® 647,FITC,Low Endotoxin,Purified,RPE

State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture

supernatant Purified IgG - liquid

Concentration: lot specific

Conjugation: Unconjugated

Storage: +4°C, -20°C if preferred

Stability: Shelf life: one year from despatch.

Gene Name: triggering receptor expressed on myeloid cells 2

Database Link: Q99NH8

Background: Rat anti Mouse TREM-2 antibody, clone 78.18 recognizes triggering receptor expressed on

myeloid cells 2 (TREM-2), an activating receptor of the Ig superfamily. TREM-2 forms a receptor signaling complex with DAP12 to trigger the activation of the immune response in macrophages and dendritic cells. It may be involved in chronic inflammation and may promote the production of constitutive rather than inflammatory chemokines and cytokines. TREM-2 may also have a functional role in osteoclast formation. Stimulation of TREM-2 with Rat anti Mouse Trem-2 antibody, clone 78.18 enhances multinucleated osteoclast formation in vitro. Rat anti Mouse Trem-2 antibody, clone 78.18 may also be used to block TREM-2 on

pre-osteoclasts to inhibit the formation of multinuclear osteoclasts and to inhibit bone

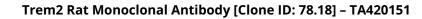
resorption by mature osteoclasts.



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Synonyms:

TREM-2; Trem2a; Trem2b; Trem2c