

## 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 (NaN <sub>3</sub> ) <b>Label:</b> ALEXA FLUOR® 488,ALEXA FLUOR® 647,FITC,Low Endotoxin,Purified,RPE <b>State:</b> 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:	<a href="#">Q99NH8</a>
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.



[View online »](#)

**Synonyms:**                   TREM-2; Trem2a; Trem2b; Trem2c