

Anti-Mouse CD40 Rat Monoclonal Antibody

Catalog	Unit
TBS10207-0.5	0.5 mg
TBS10207-1	1 mg
TBS10207-5	5 mg
TBS10207-25	25 mg

Product Details

Description: CD40 is a cell surface receptor that belongs to the tumor necrosis factor receptor (TNFR) superfamily and was initially identified on B lymphocytes. It plays a crucial role in T cell-dependent humoral immune responses and is involved in the activation, growth, differentiation, and survival of B cells. CD40 is expressed on a variety of cell types, including monocytes, dendritic cells, endothelial cells, epithelial cells, macrophages, fibroblasts, and platelets.

Alternative names: cluster of differentiation 40; Bp50; CDW40; TNFRSF5; p50; B cell surface antigen CD40; Bp50B cell-associated molecule; CD40 antigen; CD40 molecule, TNF receptor superfamily member 5; CD40 type II isoform; CD40L receptor; MGC9013; nerve growth factor receptor-related B-lymphocyte activation molecule; tumor necrosis factor receptor superfamily member 5

Applications:

- in vivo CD40 activation
- in vitro B cell stimulation/activation

Molecular Weight: 150 kDa

Host: Rat

Isotype: Rat IgG2a

Concentration: 4 mg/ml

Purity: >95%

Formulation: PBS, pH 7.0, no stabilizers or preservatives.

Endotoxin: < 2EU/mg

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: Store at 4°C for one month. Store at -20°C for long-term storage.

For research use only.