

## Anti-4-1BBL [TKS-1] Standard Size Ab00881-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** TKS-1

**Alternative Name(s) of Target:** CD137L; TNFRSF9L; CD134 ligand; 4-1BB Ligand; TNFRSF9; TNFR superfamily 9; tumor necrosis factor receptor superfamily member 9

**UniProt Accession Number of Target Protein:** P41274

**Published Application(s):** Block, FC

**Published Species Reactivity:** Mouse

**Immunogen:** Murine B-cell lymphoma 2PK-3 cells injected into SD rats.

**Specificity:** This antibody binds to murine 4-1BBL and competes with binding of 4-1BB.

**Application Notes:** This antibody has been used to detect 4-1BBL by flow cytometry. It is able to block 4-1BBL interacting with 4-1BB and prevent signalling.

**Antibody First Published in:** Futagawa et al. Expression and function of 4-1BB and 4-1BB ligand on murine dendritic cells. Int Immunol. 2002 Mar;14(3):275-86 [PMID:11867564](#)

**Note on publication:** Describes the generation and initial characterisation of this antibody.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.