



Recombinant Version of Classic Clone

Cat nr AE00314

Product Datasheet

Rat Recombinant Antibody, rAT113-2 to:

mouse CD137L, 4-1BBL

Tumor necrosis factor ligand superfamily member 9; tumor necrosis factor (ligand) superfamily, member 9; CD137 ligand; 4-1BB ligand; 4-1BBL; 4-1BB-L; AI848817; Cd137I; Cd157I; Ly63I; Ly63L

Cellular localization Surface of cell membranes

Official Symbol (Gene) Tnfsf9
 GenelD 21950
 SwissProt P41274

Confirmed Applications Blocking
 Positive controls CD40-induced dendritic cells from spleen
 Aeonian Rating© 85

Purification By Protein A from bioreactor concentrate

Formulation 1 mg IgG/ml in PBS with 0.02% Proclin 300

Amount 200ug 1000ug

Isotype Rat IgG1, kappa, recombinant version of clone AT113-2

Confirmed species reactivity Mouse

Immunogen A fusion protein of mouse CD137L (NP_033430.1) and mouse Fc.

Epitope Unknown

Storage instructions Avoid repeated freeze/thaw cycles. For long term storage, keep small aliquots at -20C or -80C and keep one aliquot at 4C for daily experimentations. Azide will preserve antibody at 4C for 6-12 months, when kept away from direct sun light.

Expiration Integrity warranted for 24 months after purchase when handled and stored according to instructions, see below.

Warranty This product is only warranted for the specifications as described in this product sheet and only when the product is handled and stored according to instructions. User should validate this antibody in the application and tissue/cell type as required, after confirmation of integrity upon receipt is obtained by reproducing the performance as described below. Should such confirmation not be attempted, any warranty is void. In case of non-conformance, user needs to contact us immediately for replacement or refund.

Liability This product is for in vitro research use only. Any other applications, such as diagnostics or therapeutics, or in vivo experiments, and the validation of this product therein, are solely at the responsibility of the buyer/user.

Product performance see next pages

Product data:

Biological activity

Neutralizing CD8+ T cells through mature dendritic cells:

The original clone AT113-2 was successfully used to prevent dendritic cells from activating CD8+ T cells in mouse splenocytes.

French RR, Taraban VY, Crowther GR, Rowley TF, Gray JC, Johnson PW, Tutt AL, Al-Shamkhani A, Glennie MJ. Eradication of lymphoma by CD8 T cells following anti-CD40 monoclonal antibody therapy is critically dependent on CD27 costimulation. *Blood*. 2007 Jun 1;109(11):4810-5. doi: 10.1182/blood-2006-11-057216. PMID: 17311995.