

Datasheet: AHP1743B

Description:	RABBIT ANTI HUMAN CD137L:Biotin
Specificity:	CD137L
Other names:	4-1BBL, TNFSF9
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to Biotin - lyophilised
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Antiserum Preparation	Antiserum to human CD137L were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.1mg/ml after reconstitution
Immunogen	Recombinant human CD137L
External Database Links	<p>UniProt: P41273 Related reagents</p> <p>Entrez Gene: 8744 TNFSF9 Related reagents</p>
RRID	AB_2206525
Specificity	<p>Rabbit anti Human CD137L antibody specifically recognize human CD137L, otherwise known as TNFSF9 or 4-1BBL, a type II transmembrane glycoprotein and member of the TNF superfamily, preferentially expressed by B cells, which acts as a ligand for CD137 (4-1BB ligand receptor/TNFRSF9).</p> <p>Interaction between CD137L and its receptor acts as a co-stimulatory signal for T cell activation and expansion, and is involved in the generation of cytotoxic T cells (Tc) and in the process of antigen presentation. Expression of CD137L by a variety of carcinoma cells, suggests a role for CD137L in tumour cell-T cell interactions.</p>
Storage	<p>Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

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