

Datasheet: AHP1863B

Description:	GOAT ANTI HUMAN CD137:Biotin
Specificity:	CD137
Other names:	4-1BB LIGAND RECEPTOR
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	▪			0.5 - 2.0ug/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 - lyophilized
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 CD137 were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 0.1mg/ml after reconstitution
Immunogen	Recombinant human CD137
External Database Links	<p>UniProt: Q07011 Related reagents</p> <p>Entrez Gene: 3604 TNFRSF9 Related reagents</p>
Synonyms	CD137, ILA
RRID	AB_2240928
Specificity	<p>Goat anti Human CD137 antibody specifically recognizes human CD137, otherwise known as 4-1BB ligand receptor, a type I transmembrane glycoprotein and member of the tumour necrosis factor receptor superfamily, predominantly expressed by activated T cells, which acts as a receptor for 4-1BB ligand (4-1BBL).</p> <p>Interaction between CD137 and 4-1BBL, 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. CD137 also binds to the adaptor proteins TRAF1, 2 and 3 to act as a signal transducer of NF-kappaB activation.</p>
Storage	<p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. 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 despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AHP1863B 10294</p>
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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