

Datasheet: AHP3010

Description:	GOAT ANTI OCIL
Specificity:	OCIL
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Western Blotting	▪			3 µg/ml - 0.5 µg/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
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Product Form	Purified IgG - liquid
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Antiserum Preparation Antisera to human OCIL were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution	TRIS buffered saline
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Preservative	0.02% Sodium Azide
Stabilisers	0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
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Immunogen	Peptide with sequence C-LLRYKGPSDH, from the Internal region of the protein sequence according to NP_037401.1; NP_001004419.1; NP_001184246.1.
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Specificity	Goat anti Human OCIL antibody recognizes c-type lectin domain family 2 member D, also known as CLC2D, CLAX, and LLT1.
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Originally described as an osteoblast-derived inhibitory factor of osteoclasts ([Zhou et al., 2001](#)), OCIL is a member of the C-type lectin-like receptor superfamily (CTLR). OCIL is expressed on lymphocytes including B cells, NK cells, T cells, and activated dendritic cells. At the cell surface, OCIL acts as a ligand for the NKRP1A receptor (CD161), which contributes to differentiation of lymphocytes ([Marrufo et al., 2018](#)). Interaction between OCIL and CD161 appears to actively participate in the anti-tumoral immune response, and have both been suggested as targets for immunotherapy strategies to enhance immune responses ([Braud et al., 2018](#)). The suggestion of OCIL as a target for immunotherapy has been strengthened by the finding that it is expressed in a variety of healthy tissues and in immune-privileged sites ([Llibre et al., 2016](#)).

Western Blotting	Goat anti Human OCIL antibody detects a band of approximately 30 to 35 kDa in cell lysates.
Storage	This product is shipped at ambient temperature. Store at -20°C only. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP3010 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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](https://www.bio-rad-antibodies.com/datasheets)
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