

Datasheet: AHP3010

BATCH NUMBER 155762

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

Product Form Purified IgG - liquid

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

Preservative 0.02% Sodium Azide
Stabilisers 0.5% Bovine Serum Albumin

Approx. Protein Concentrations IgG concentration 0.5 mg/ml

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.

Specificity **Goat anti Human OCIL antibody** recognizes c-type lectin domain family 2 member D,

also known as CLC2D, CLAX, and LLT1.

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 ([Libre et al., 2016](#)).

Western Blotting Goat anti Human OCIL antibody detects a band of approximately 30 to 35 kDa in cell lysates.

Storage 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](#)

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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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