

## Anti-OCIL antibody (Internal) (STJ73599)

STJ73599

### GENERAL INFORMATION

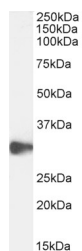
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|--------------------------|--|
| <b>Product Type</b>      | Primary antibodies   |
| <b>Short Description</b> | Goat polyclonal antibody anti-OCIL (Internal) is suitable for use in ELISA, Western Blot, Immunofluorescence, Flow Cytometry and Immunohistochemistry research applications. |
| <b>Applications</b>      | Pep-ELISA/WB/IF/FC/IHC   |
| <b>Host/Source</b>       | Goat   |
| <b>Reactivity</b>        | Human/Dog/Cow  |

### PRODUCT PROPERTIES

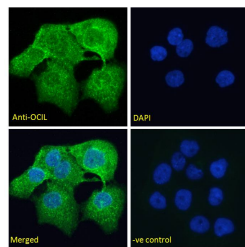
|                            |   |
|----------------------------|---|
| <b>Clonality</b>           | Polyclonal  |
| <b>Clone ID</b>            |   |
| <b>Concentration</b>       | 0.5 mg/mL   |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Purification</b>        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Dilution Range</b>      | Peptide ELISA: antibody detection limit dilution 1:16000.<br>WB: Approx 30-35kDa band observed in lysates of histiocytic lymphoma cell line U937 (calculated MW of 22.3kDa according to NP_001004419.1). This molecular weight is routinely observed by o |
| <b>Formulation</b>         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA  |
| <b>Isotype</b>             | IgG   |
| <b>Storage Instruction</b> | Store at -20°C on receipt and minimise freeze-thaw cycles.  |

### TARGET INFORMATION

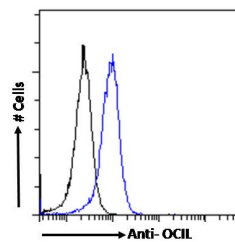
|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 29121  |
| <b>Gene Symbol</b>        | CLEC2D   |
| <b>Uniprot ID</b>         | CLC2D_HUMAN  |
| <b>Immunogen</b>          |  |
| <b>Immunogen Region</b>   | Internal   |
| <b>Specificity</b>        | This antibody is expected to recognize all isoforms (NP_037401.1; NP_001004419.1; NP_001184246.1). |
| <b>Immunogen Sequence</b> | LLRYKGPSDH   |



STJ73599 (0.3 µg/ml) staining of U937 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ73599 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasmic/membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ73599 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.