# Product datasheet

## anti-Macrophage Antigen mouse monoclonal, LN-5, purified

### Short overview

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|---|---|
| **Cat. No.** | 691709 |
| **Quantity** | 1 ml (100 µg/ml) |
| **Concentration** | 100 µg/ml |

### Product description

| | |
|---|---|
| **Host** | Mouse |
| **Antibody Type** | Monoclonal |
| **Isotype** | IgM kappa |
| **Clone** | LN-5 |
| **Immunogen** | Deparaffinized cell extracts of peripheral blood mononuclear cells |
| **Formulation** | PBS with 0.02% sodium azide |
| **Conjugate** | Unconjugated |
| **Purification** | Affinity chromatography |
| **Storage** | 2-8°C |
| **Intended use** | Research use only |
| **Application** | FACS, ICC/IF, IHC |
| **Reactivity** | Human |

### Applications

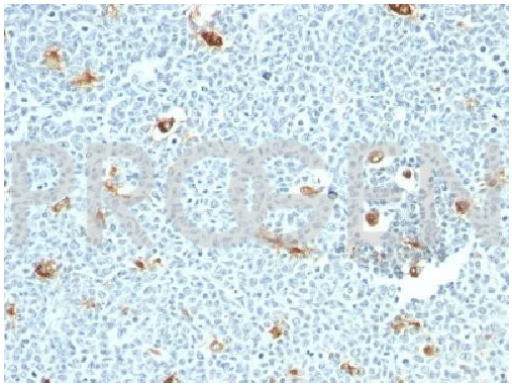
| | |
|---|---|
| **Flow Cytometry (FACS)** | 0.5-1.0 µg/million cells in 0.1 ml |
| **Immunocytochemistry (ICC)** | 1:100-1:200 (0.5-1.0 µg/ml) |
| **Immunohistochemistry (IHC) - frozen** | 1:50-1:100 (1-2 µg/ml) |
| **Immunohistochemistry (IHC) - paraffin** | 1:50-1:100 (1-2 µg/ml) |

### Background

LN-5 reacts with human macrophages and displays lymph node germinal center and mantle zone B cell reactivity. It reacts with interdigitating reticulum cells, with tingible body and sinus histiocytes. It further reacts with certain tumor cells and also with normal non-lymphoid tissue like chief cells of the stomach and spermatogonia. LN-5 is negative on Hodgkin's disease and non-Hodgkin's lymphomas.

Positive control: A431, HeLa cells.

### Product images



Human tonsil