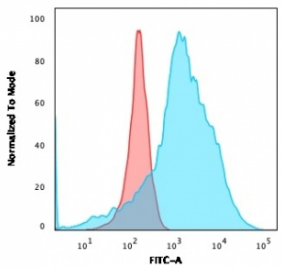
# Recombinant Rhombotin 2 Antibody / LMO2 [clone LMO2/3147R] (V9146)

| Catalog No. | Formulation | Size |
|---|---|---|
| V9146-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V9146-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V9146SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

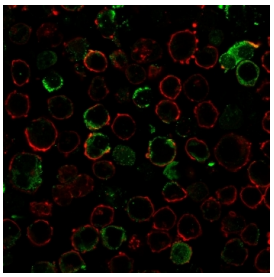
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

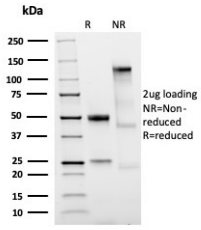
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | LMO2/3147R |
| **Purity** | Protein A/G affinity |
| **UniProt** | P25791 |
| **Localization** | Nuclear, Cytoplasmic & Cell Surface |
| **Applications** | Flow cytometry: 1-2ug/million cells<br>Immunofluorescence: 1-2ug/ml |
| **Limitations** | This recombinant Rhombotin 2 antibody is available for research use only. |




FACS staining of K562 cells using recombinant Rhombotin 2 antibody (blue, clone LMO2/3147R) and isotype control (red).



Immunofluorescent staining of human K562 cells using recombinant Rhombotin 2 antibody (green, clone LMO2/3147R) and phalloidin (red).




SDS-PAGE analysis of purified, BSA-free recombinant Rhombotin 2 antibody (LMO2/3147R) as confirmation of integrity and purity.

## Description

The LMO2/Rhombotin 2 protein has a central and crucial role in hematopoietic development and is highly conserved. It has a particular function in normal and lymphatic endothelial cells involving the regulation of angiogenesis and lymph-angiogenesis. Immunohistochemical studies have also demonstrated expression of LMO2 in both normal germinal center B-cells and germinal center-derived B-cell lymphomas, including follicular lymphoma and diffuse large B-cell lymphoma.The use of anti-LMO2 is valuable as a tool in the identification of lymphomas of B-cell origin. LMO2 is useful in differentiating follicular lymphoma (LMO2+) from nodal marginal zone lymphoma (LM02-). It also is positive in Hodgkin s and Burkitt s lymphomas.

## Application Notes

Optimal dilution of the recombinant Rhombotin 2 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 23-140 was used as the immunogen for the recombinant Rhombotin 2 antibody.

## Storage

Aliquot the recombinant Rhombotin 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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