

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-2708: Anti-LMO2 (B-Cell Marker) Monoclonal Antibody (Clone: LMO2/3147R)

Clonality: Monoclonal Clone Name: LMO2/3147R Application: FACS.IF Reactivity: Human Gene: LMO2 Gene ID: 4005 **Uniprot ID:** P25791

Cysteine-rich protein TTG-2; LIM domain only protein 2; LMO-2; RBTN L1; RBTN2; Rhombotin like **Alternative Name:**

1; Rhombotin-2 (RHOM2); T-cell translocation protein 2; TTG2

Rabbit IgG Isotype:

Immunogen Information: Recombinant fragment (around aa 23-140) human LMO2 protein (exact sequence is proprietary)

Description

The LMO2 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.

Product Info

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with Content:

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is Storage condition:

stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (1-2ug/million cells); ,Immunofluorescence (1-2ug/ml);,

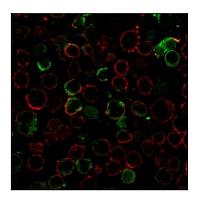


Fig. 1: Immunofluorescence staining of K562 cells using LMO2 Recombinant Rabbit Monoclonal Antibody (LMO2/3147R) followed by goat anti-rabbit IgG conjugated to CF488 (green). Membrane stained with Phalloidin (Red).



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

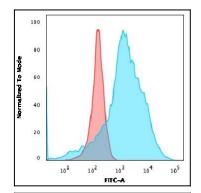


Fig. 2: Flow Cytometric Analysis of K562 cells using LMO2 Recombinant Rabbit Monoclonal Antibody (LMO2/3147R) followed by goat anti-rabbit IgG-CF488 (Blue); Isotype Control (Red).

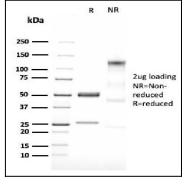


Fig. 3: SDS-PAGE Analysis Purified LMO2 Recombinant Rabbit Monoclonal Antibody (LMO2/3147R). Confirmation of Purity and Integrity of Antibody.