
Anti-Mouse IgM eFluor[®] 615

Catalog Number: 42-5790

Also known as: Immunoglobulin M

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

REF **Contents:** Anti-Mouse IgM eFluor[®] 615
Catalog Number: 42-5790
Clone: II/41
Concentration: 0.2 mg/mL
Host/Isotype: Rat IgG2a, k

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial

Description

The II/41 monoclonal antibody reacts with the mu heavy chain of mouse IgM. It does not react with other classes of mouse immunoglobulin including IgD, IgG or IgA. IgM is expressed intracellularly, during early stages of B lymphopoiesis, and then on the surface of more mature B cells in the bone marrow and peripheral B cells. Fluorochrome conjugated II/41 can be used as a detection secondary for mouse IgM.

Applications Reported

This II/41 antibody has been reported for use in immunohistochemical staining of formalin-fixed paraffin embedded (IHC-P) or frozen (IHC-F) tissue, and immunocytochemistry (ICC).

Applications Tested

This II/41 antibody has been tested by immunocytochemistry on fixed, differentiated OLN93 cells with O1 (Anti-Oligodendrocyte Marker) primary antibody, and by immunohistochemistry (IHC-P) on FFPE human tonsil with HI98 (Anti-CD15) as the primary antibody. This II/41 antibody can be used at less than or equal to 10 ug/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest. This product has not been validated for flow cytometric analysis.

Filter Recommendation: When using this eFluor[®] 615 antibody conjugate, we recommend a filter that will capture the 615 emission wavelength (for example, Excitation 560/55, 585LP, Emission 645/75). A standard Alexa Fluor[®] 594 filter is acceptable.

References

Laszlo G, Hathcock KS, Dickler HB, Hodes RJ. 1993. Characterization of a novel cell-surface molecule expressed on subpopulations of activated T and B cells. J Immunol. 150(12):5252-62.

Related Products

00-4953 IHC /ICC Blocking Buffer - Low Protein
00-4954 20X TBS Wash Buffer for IHC/ICC
00-4958 Fluoromount-G[™]
14-4752 Mouse IgM Isotype Control Purified
14-6506 Anti-Oligodendrocyte Marker O1 (O1)

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