Anti-Human/Mouse IRF4-155Gd

**Catalog**: 3155014B
**Clone**: 3E4
**Package Size**: 100 tests
**Isotype**: Rat IgG1
**Storage**: Store product at 4°C. Do not freeze.
**Reactivity**: Mouse, Human,

**Formulation**: Antibody stabilizer with 0.05% Sodium Azide

**Technical Information**

**Validation**: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage**: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

**Description**

IRF4 is a 52 kDa transcription factor expressed in all stages of B cell development and in mature T cells. This transcription factor is inducible in primary lymphocytes by antigen mimetic stimuli such as Concanavalin A, CD3 crosslinking, anti-IgM and PMA treatment. Together with TRF8, it plays an important role in macrophage and dendritic cell development and function. IRF4 is also shown to be essential for pre-B cell development, receptor editing, germinal center reactor and plasma cell differentiation.

**References**


**For technical support visit fluidigm.com/support**

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