

### **Anti-EBF1 Rabbit Monoclonal Antibody**

Catalog # ABO15559

# **Specification**

## **Anti-EBF1 Rabbit Monoclonal Antibody - Product Information**

Application WB
Primary Accession Q9UH73
Host Rabbit
Isotype IgG

Reactivity
Clonality
Monoclonal
Format
Liquid

**Description** 

Anti-EBF1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

# **Anti-EBF1 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 1879

**Other Names** 

Transcription factor COE1, O/E-1, OE-1, Early B-cell factor, EBF1, COE1, EBF

Calculated MW 64 kDa KDa

**Application Details** WB 1:500-1:1000

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### **Immunogen**

A synthesized peptide derived from human EBF1

**Purification** 

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

# **Anti-EBF1 Rabbit Monoclonal Antibody - Protein Information**

Name EBF1



## Synonyms COE1, EBF

#### **Function**

Key pioneer transcription factor of B-cell specification and commitment (PubMed:<a href="http://www.uniprot.org/citations/27807034" target="\_blank">27807034</a>). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. Operates in a transcription factor network to activate B-cell-specific genes and repress genes associated with alternative cell fates. For instance, positively regulates many B- cell specific genes including BCR or CD40 while repressing genes that direct cells into alternative lineages, including GATA3 and TCF7 for the T-cell lineage. In addition to its role during lymphopoiesis, controls the thermogenic gene program in adipocytes during development and in response to environmental cold (By similarity).

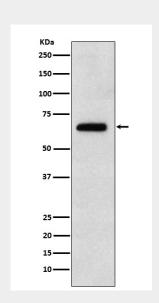
**Cellular Location** Nucleus.

# Anti-EBF1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### Anti-EBF1 Rabbit Monoclonal Antibody - Images



Western blot analysis of EBF1 expression in Raji cell lysate.