BCL11A Antibody (monoclonal) (M03)
Mouse monoclonal antibody raised against a partial recombinant BCL11A.
Catalog # AT1281a

Specification

BCL11A Antibody (monoclonal) (M03) -
Product Information

<table>
<thead>
<tr>
<th>Application</th>
<th>WB, IHC, IF, E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Accession</td>
<td>Q9H165</td>
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<td>Other Accession</td>
<td>NM_018014</td>
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<tr>
<td>Reactivity</td>
<td>Human</td>
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<tr>
<td>Host</td>
<td>mouse</td>
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<tr>
<td>Clonality</td>
<td>Monoclonal</td>
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<tr>
<td>Isotype</td>
<td>IgG2a Kappa</td>
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<td>Clone Names</td>
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<tr>
<td>Calculated MW</td>
<td>91197</td>
</tr>
</tbody>
</table>

BCL11A Antibody (monoclonal) (M03) -
Additional Information

Gene ID 53335

Other Names
B-cell lymphoma/leukemia 11A, BCL-11A,
B-cell CLL/lymphoma 11A,
COUP-TF-interacting protein 1, Ecotropic viral integration site 9 protein homolog, EVI-9, Zinc finger protein 856, BCL11A, CTIP1, EVI9, KIAA1809, ZNF856

Target/Specificity
BCL11A (NP_060484, 1 a.a. ~ 88 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB ~ 1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2.

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
BCL11A Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

BCL11A Antibody (monoclonal) (M03) -
Protocols

Provided below are standard protocols that you may find useful for product applications.
• Western Blot
• Blocking Peptides
• Dot Blot
• Immunohistochemistry
• Immunofluorescence
• Immunoprecipitation
• Flow Cytometry
• Cell Culture

Immunoperoxidase of monoclonal antibody to BCL11A on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 μg/ml]

Immunofluorescence of monoclonal antibody to BCL11A on HeLa cell. [antibody concentration 10 μg/ml]

Detection limit for recombinant GST tagged BCL11A is 0.03 ng/ml as a capture antibody.

**BCL11A Antibody (monoclonal) (M03) - Background**

This gene encodes a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. Multiple transcript variants encoding several
different isoforms have been found for this gene.

**BCL11A Antibody (monoclonal) (M03) - References**