

Bulk Anti-Human CD166 (3A6) Antibody

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Product Benefits:

ichorbio's bulk anti-human CD166 antibody (3A6) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility.

Target:

CD166

Other Names:

CD6 ligand, Activated Leukocyte Cell Adhesion Molecule, ALCAM

Clone:

3A6

Size:

ichorbio's anti-Human CD166 antibody is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our anti-CD166 clone 3A6 - please contact us for pricing.

Isotype:

Mouse IgG1 kappa

Host:

Mouse

Species Reactivity:

Human

Specificity:

3A6 activity is directed against human CD166 (ALCAM) and cross-reacts with ovine tissues.

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

CD166 is expressed on neurons, activated leukocytes, hematopoietic stem cells, mesenchymal stem cells, bone marrow stromal cells, activated T cells, activated B cells, activated monocytes, thymic epithelial cells, vascular endothelial cells, fibroblasts, keratinocytes, myeloid progenitors, tumor cells, and cancer stem cells.

Background:

3A6 was produced by immunizing mice with human thymic epithelial cells and then fusing spleen cells with P3X63Ag8 myeloma cells. 3A6 cross reacts with ovine mesenchymal stromal cells from iliac crest bone marrow aspirates.

Immunogen:

This antibody was developed using an extract of pigmented melanoma metastases from lymph nodes.

Concentration:

>2.0 mg/ml

Formulation:

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and azide free

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

? 1.0 EU/mg as determined by the LAL method

? 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ? 5%

Aggregation level ? 1%

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Functional Assays, Flow Cytometry, Immunofluorescence Microscopy, IHC-Frozen, IHC-Paraffin, Western Blot

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Alternative Names:

- Protein Wnt 3a Precursor antibody
- Protein Wnt-3a antibody
- Wingless type MMTV integration site family member 3A antibody
- Wnt 3a antibody
- wnt3a antibody
- WNT3A protein antibody
- WNT3A_HUMAN antibody