

## DATASHEET

# HLA-B27 Mouse Monoclonal Antibody(ABCm3)

CAT. NO. AMA03743

### KEY FEATURES

|               |   |               |              |
|---------------|---|---------------|--------------|
| Target        | HLA-B27   | Source / Host | Mouse        |
| Reactivity    | Human   | Clonality     | Monoclonal   |
| Applications  | IF/ICC, FC  | Conjugation   | Unconjugated |
| Form / Buffer | Mouse IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide. | Storage       | at-20°C      |

### BACKGROUND

This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR2. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, psoriasis, rheumatoid arthritis ankylosing spondylitis, tuberculosis, autosomal dominant polycystic kidney disease, and cancer. Mutations in this gene affect susceptibility to cerebral malaria, septic shock, and Alzheimer disease.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

### PRODUCT OVERVIEW

|                   |  |
|-------------------|--|
| Description       | Mouse monoclonal antibody to HLA-B27                                 |
| Specificity       | Recognizes human HLA-B27   |
| Antibody Type     | Primary antibody   |
| Immunogen         | Immune complex precipitated from HLA-B27 positive cell line (Bordin) |
| Purification      | The antibody was purified by affinity chromatography.                |
| Form/Buffer       | Mouse IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide.          |
| Alternative Names | HLA-B27 protein  |
| Gene Symbol       | HLA-B27  |
| SwissProt         | O19193(Human)  |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**| DATA**

**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**| NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.