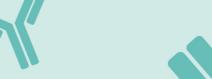
antibodies -online.com







anti-CD1d1 antibody



Overview

| Quantity: | 0.5 mg |
|--------------|-----------------------|
| Target: | CD1d1 (CD1D1) |
| Reactivity: | Chicken |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Application: | Flow Cytometry (FACS) |

Product Details

| Immunogen: | Lymphocytes from the bursa of Fabricius of outbred chickens |
|------------------|---|
| Clone: | CB3 |
| Isotype: | lgG1 |
| Specificity: | Chicken CD1.1 |
| Characteristics: | Mouse Anti-Chicken CD1.1-UNLB |
| Purification: | Purified |

Target Details

| Target: | CD1d1 (CD1D1) |
|-------------------|--|
| Alternative Name: | CD1.1 (CD1D1 Products) |
| Background: | CD1 molecules, like MHC I and II, play an equally important role in the immune system by |
| | presenting lipid, glycolipid and lipopeptide antigen to T and NKT cells 1. Chicken CD1 gene is |

Target Details

located in the chicken MHC B locus and has an important implication for the primordial MHC gene evolution 2. Two proteins have been identified: CD1.1 and CD1.2. Analysis of RNA from blood cells showed that both genes are expressed in Bu-1+ cells (B cells and some macrophages) and CD8a+ cells (some T and NK cells). CD1.2 is expressed in TCR1 + cells (γ δ cells) but is nearly undetectable in TCR2+ and TCR3+ cells (α and β T cells) 1.

Application Details

| Application Notes: | Applications: FC - Quality tested, IHC-FS - Reported in literature, ICC - Reported in literature, IP - Reported in literature Working Dilutions: Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC and BIOT conjugates 1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L |
|--------------------|--|
| Sample Volume: | 1 mL |
| Restrictions: | For Research Use only |
| Handling | |

| Concentration: | 0.5 mg/mL |
|------------------|--|
| Buffer: | 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added |
| Preservative: | Without preservative |
| Handling Advice: | Each reagent is stable for the period shown on the bottle label if stored as directed. |
| Storage: | 4 °C |
| Storage Comment: | Store at 2-8°C |