

# Product Data Sheet

## LEAF™ Purified anti-mouse CD226 (DNAM-1)

**Catalog # / Size:** 132003 / 50 µg  
132004 / 500 µg

**Clone:** 480.1

**Isotype:** Rat IgG2a, κ

**Immunogen:** Jurkat cells transfected with mouse CD226

**Reactivity:** Mouse

**Preparation:** The LEAF™ (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.

**Formulation:** 0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <0.1 EU/µg of the protein (<0.01 ng/µg of the protein) as determined by the LAL test.

**Concentration:** 1.0 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C. This LEAF™ solution contains no preservative; handle under aseptic conditions.

## Applications:

**Applications:** FC - *Quality tested*

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume or 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

**Application Notes:** 1. Gilfillan S, *et al.* 2008. *J. Exp. Med.* 205:2965. (FC)

**Description:** CD226 (DNAM-1) is constitutively expressed on native CD8+ cells and on some CD4+ T cells, macrophages and NK cells. CD226 is involved in NK and T cell mediated cytotoxicity against certain tumors. CD155 and CD112 are the ligands for CD226. This antibody (480.1) is reported by the developer to partially block the binding of mouse CD155.

**Antigen References:** 1. Tahara Hanaoka S, *et al.* 2006 *Blood* 107:1491  
2. Shibuya K, *et al.* 2003. *J. Exp. Med.* 198:1829

### Related Products:

**Product**  
LEAF™ Purified Rat IgG2a, κ Isotype Ctrl

**Clone**  
RTK2758

**Application**  
FC, ICFC, WB, IP, ICC, IF,  
IHC, FA  
FC, ICC, ICFC  
FC, ICFC

Cell Staining Buffer  
RBC Lysis Buffer (10X)



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