

# Product Data Sheet

## Purified anti-mouse CD147

**Catalog # / Size:** 123701 / 50 µg

**Clone:** OX-114

**Isotype:** Rat IgG1, κ

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C.

## Applications:

**Applications:** FC - *Quality tested*  
IP, IHC - *Reported in the literature*

**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  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

**Application References:** 1. Hanna SM, *et al.* 2003. *BMC Biochemistry* 4:17.

**Description:** CD147 is a widely expressed membrane glycoprotein and reported to be implicated in cell adhesion, embryonic development, T cell activation and many other functions. It is expressed in thymocytes and many other cells, including epithelial and endothelial cells.

**Antigen References:** 1. Hanna SM, *et al.* 2003. *BMC Biochemistry* 4:17  
2. Yurchenko V, *et al.* 2005. *Immunology* 117:301  
3. Renno T, *et al.* 2002. *J. Immunol.* 168:4946

### Related Products:

**Product**  
Purified Rat IgG1, κ Isotype Ctrl  
Cell Staining Buffer  
RBC Lysis Buffer (10X)

**Clone**  
RTK2071

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



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