### **Product Datasheet**

# **RAB7** Antibody

Catalog No: CY5814 Reactivity: Human Mouse Rat
Isotype: Rabbit IgG Applications: WB IHC ICC/IF FC



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#### Information

UniProt ID: P51149

All Names: CMT2B; PRO2706; PSN; RAB7, member RAS oncogene family; RAB7A; RAB7A, member RAS

oncogene family; Ras associated protein RAB7; Ras related protein Rab7a;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography **Immunogen:** A synthesized peptide

Molecular Wt.: 23 kDa

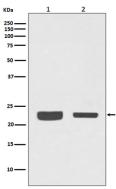
## Application

WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

FC 1:50

#### Background

Plays a role in the fusion of phagosomes with lysosomes. Plays important roles in microbial pathogen infection and survival, as well as in participating in the life cycle of viruses. Microbial pathogens possess survival strategies governed by RAB7A, sometimes by employing RAB7A function (e.g. Salmonella) and sometimes by excluding RAB7A function.



Western blot analysis of RAB7 expression in (1) A375 cell lysate; (2) 3T3 cell lysate.

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