

**Product Name: D4 GDI Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01892**



## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | D4 GDI Rabbit Monoclonal Antibody      |
| <b>Description</b>     | Recombinant rabbit monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC,ICC/IF                          |
| <b>Reactivity</b>      | Human                                  |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal                                                                                           |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purification                                                                                |

## Immunogen

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | ARHGDIB                                                                                      |
| <b>Alternative Names</b> | Rho GDP dissociation inhibitor (GDI) beta; D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2 |
| <b>Gene ID</b>           | 397                                                                                          |
| <b>SwissProt ID</b>      | P52566.                                                                                      |

## Application

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| <b>Molecular Weight</b> | Calculated MW: 23 kDa; Observed MW: 23 kDa       |

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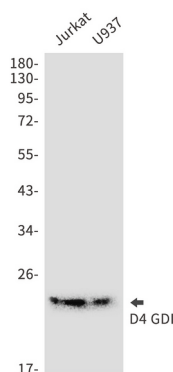
## Background

Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them (PubMed:8356058, PubMed:7512369). Regulates reorganization of the actin cytoskeleton mediated by Rho family members (PubMed:8262133).

## Research Area

Signal Transduction

## Image Data



Western blot analysis of D4 GDI in Jurkat, U937 lysates using D4 GDI antibody.

## Note

For research use only.