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Datasheet for ABIN375662

## Goat anti-Mouse IgG1 (Heavy Chain) Antibody (Alkaline Phosphatase (AP))



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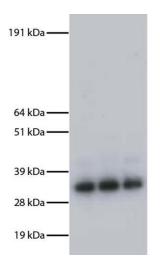
| 1 | Image | 1 | Publication |
|---|-------|---|-------------|

| Overview             |   |
|----------------------|---|
| Quantity:            | 1 mL  |
| Target:              | lgG1  |
| Binding Specificity: | Heavy Chain   |
| Reactivity:          | Mouse   |
| Host:                | Goat  |
| Clonality:           | Polyclonal  |
| Conjugate:           | Alkaline Phosphatase (AP)   |
| Application:         | ELISA, Western Blotting (WB), Immunohistochemistry (IHC)                                      |
| Product Details      |   |
| Isotype:             | IgG   |
| Specificity:         | Reacts with the heavy chain of mouse IgG 1 as demonstrated by ELISA and flow cytometry.       |
| Characteristics:     | Source: Pooled antisera from goats hyperimmunized with mouse IgG 1 paraproteins.              |
|                      | To insure lot-to-lot consistency, each batch of product is tested by ELISA, PCFIA and/or flow |
|                      | cytometry to conform to characteristics of a standard reference reagent.                      |
| Purification:        | Affinity chromatography on mouse IgG 2b covalently linked to agarose                          |
| Target Details       |   |
| Target:              | lgG1  |
| Abstract:            | IgG1 Products   |
|                      |   |

| Target Details      |   |  |  |
|---------------------|---|--|--|
| Target Type:        | Antibody  |  |  |
| Application Details |   |  |  |
| Application Notes:  | Working Dilution:   |  |  |
|                     | 1:2,000-1:4,000   |  |  |
|                     | Representative data are included in this product insert.  |  |  |
|                     | Each laboratory should determine an optimum working titer for use in its particular application.    |  |  |
|                     | Other applications have not been tested but use in such assays should not necessarily be            |  |  |
|                     | excluded.   |  |  |
| Restrictions:       | For Research Use only   |  |  |
| Handling            |   |  |  |
| Format:             | Liquid  |  |  |
| Handling Advice:    | Do not freeze! Freezing alkaline phosphatase conjugates will result in a substantial loss of        |  |  |
|                     | enzymatic activity.   |  |  |
|                     | Do not add Sodium azide.  |  |  |
|                     | Dilute only prior to immediate use  |  |  |
|                     | Each reagent is stable for the period shown on the bottle label if stored as directed.              |  |  |
| Storage:            | 4 °C  |  |  |
| Publications        |   |  |  |
| Product cited in:   | Wang, Shiratori, Uehori, Ikawa, Arase: "Neutrophil infiltration during inflammation is regulated by |  |  |
|                     |   |  |  |

2012) (PubMed).

PILR? via modulation of integrin activation." in: Nature immunology, Vol. 14, Issue 1, pp. 34-40, (



## **Western Blotting**

**Image 1.** Schistosome worm antigen was resolved in triplicate by electrophoresis, transferred to PVDF membrane, and probed plasma from mice infected with S. mansoni followed by Goat Anti-Mouse IgG1, Human ads-AP