***DATA SHEET***

# Negative Control for Mouse $IgG_1$ Ab-1 (Clone NCG01)

Mouse Monoclonal IgG1

**Cat. #DLN-05791, -05792, or -05790 (0.1ml, 0.5ml, or 1.0ml at 200µg/ml)** (Purified Ab with BSA and Azide)
**Cat. #DLN-05793 or -05794 (0.1ml or 0.2ml at 1.0mg/ml)** (Purified Ab without BSA and Azide)
**Cat. #DLN-05795 (7.0ml)** (Ready-to-Use for Immunohistochemical Staining)

## *Comments:*

This mouse monoclonal $IgG_1$ was produced against a synthetic hapten, which is normally not present in humans or animals. Therefore, this mouse $IgG_1$ does not react with any antigen of human or animal cells. This monoclonal $IgG_1$ was purified from mouse ascites produced under the same experimental conditions as the other hybridoma cell lines of Dianova. In order to serve as a true negative control, this $IgG_1$ should be used under the identical conditions and at the same concentration as Dianovas other purified mouse monoclonal $IgG_1$ antibodies.

## *Species Reactivity:*

All species

## *Clone:*

NCG01

## *Ig Isotype / Light Chain:*

$IgG_1$ / κ

## *Suggested Applications:*

Negative control for:

- Flow Cytometry
- ELISA
- Gel Supershift
- Immunohistology (Frozen and formalin/paraffin)
- Immunofluorescence
- Immunoprecipitation
- Western Blotting

## *Supplied As:*

200µg/ml antibody purified from the ascites fluid by Protein G chromatography. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide. Also available without BSA and azide at 1mg/ml,

or

Prediluted antibody which is ready-to-use for staining of formalin-fixed, paraffin-embedded tissues.

## *Storage and Stability:*

Ab with sodium azide is stable for 24 months when stored at 2-8°C. Antibody WITHOUT sodium azide is stable for 36 months when stored at below 0°C.

**dianova GmbH**
Warburgstr. 45 ● 20354 Hamburg
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## *Limitations and Warranty:*

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Dianova is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

## *Material Safety Data:*

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

***For Research Use Only***

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