

Datasheet for ABIN6963810

**Mouse anti-Mouse IgG Antibody (Alkaline Phosphatase (AP))**[Go to Product page](#)**5** Publications

## Overview

Quantity:	1 mL
Target:	IgG
Reactivity:	Mouse
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Native mouse IgG
Specificity:	Mouse IgG H-chains (Fc $\gamma$ ) with no reactivity against human, horse and bovine serum proteins or against mouse IgM, IgA or non-immunoglobulin serum proteins. Conjugate cross-reacts with rat immunoglobulins and may cross-react with immunoglobulins from other species.
Characteristics:	This ALP-conjugated antibody enables specific detection of mouse IgG in enzyme immunoassays such as indirect ELISA and Western blot. Serum/Plasma samples

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Gene ID:	16017, 380793, 16016

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Dilute 1/1000 as a general guideline. Dilution factor may vary with differing assay conditions.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	0.1 M Tris buffer with 1 % BSA and 0.002 % Kathon CG.
Preservative:	Kathon CG
Precaution of Use:	This product contains Kathon CG: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	18 months

## Publications

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Product cited in: Seijsing, Yu, Frejd, Höiden-Guthenberg, Gräslund: "In vivo depletion of serum IgG by an affibody molecule binding the neonatal Fc receptor." in: **Scientific reports**, Vol. 8, Issue 1, pp. 5141, (2019) ([PubMed](#)).

Yan, Zeng, Yu, Xiang, Hu, Zhou, Gu, Wang, Zhao, Young, Gao: "HBVcircle: A novel tool to investigate hepatitis B virus covalently closed circular DNA." in: **Journal of hepatology**, Vol. 66, Issue 6, pp. 1149-1157, (2018) ([PubMed](#)).

Khalilnezhad, Mahmoudian, Mosaffa, Anissian, Rashidi, Amani et al.: "Effects of Chlorella vulgaris on tumor growth in mammary tumor-bearing Balb/c mice: discussing association of an immune-suppressed protumor microenvironment with serum IFN $\gamma$  and IgG decrease and ..." in: **European journal of nutrition**, Vol. 57, Issue 3, pp. 1025-1044, (2018) ([PubMed](#)).

Tucker, Möller, Tegerstedt, Lord, Laudon, Sjödaahl, Söderberg, Spens, Sahlin, Waara, Satlin, Gellerfors, Osswald, Lannfelt: "The murine version of BAN2401 (mAb158) selectively reduces amyloid- $\beta$  protofibrils in brain and cerebrospinal fluid of tg-ArcSwe mice." in: **Journal of Alzheimer's disease : JAD**, Vol. 43, Issue 2, pp. 575-88, (2015) ([PubMed](#)).

Schaefer, Brown, Kaye, Lacey: "Cervico-vaginal immunoglobulin G levels increase post-ovulation independently of neutrophils." in: **PLoS ONE**, Vol. 9, Issue 12, pp. e114824, (2014) ([PubMed](#)).