



Anti-Mouse IgG polyclonal antibody [Biotin] (CABT-B1719)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with whole molecule mouse IgG (IgG2>IgG2a>IgG3>>>IgG1) with minimal or no cross-reactivity toward mouse IgA or IgM.
Immunogen	Purified mouse IgG.
Isotype	IgG1
Source/Host	Sheep
Species Reactivity	Mouse
Purification	Fractionated by octanoic acid and ammonium sulfate cut, and then depleted with rat IgG column and mouse IgA column prior to biotin conjugation.
Conjugate	Biotin
Applications	IHC
Molecular Weight	~150 kDa observed.
Format	Liquid
Concentration	Please refer to lot specific datasheet.
Size	200 µl
Buffer	PBS with 15 mg/mL BSA and 0.1 % sodium azide.
Preservative	0.1% Sodium Azide
Storage	Stable for 1 year at 2-8°C from date of receipt.

BACKGROUND

Introduction

Immunoglobulin G (IgG) is part of the family of glycoprotein immunoglobulins which stage immune responses against pathogenic organisms. IgG contributes to the immune response by mobilizing innate immune effector cells and inducing and pro-inflammatory responses. Such proinflammatory responses are mediated by Fcg receptors which interact with sialylated Fc fragments on IgG molecules.
