

Datasheet for ABIN288438
anti-Ig antibody (Light Chain) (HRP)



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Overview

Quantity:	1 mg
Target:	Ig
Binding Specificity:	Light Chain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Ig antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Isotype:	IgG
Specificity:	This antibody reacts with Human, Mouse, and Rat. This antibody does not cross-react with GLUT-4.
Cross-Reactivity (Details):	This Antibody may cross react with lambda from other species 1 ml@ 1 mg/ml
Purification:	Affinity chromatography purified

Target Details

Target:	Ig
Abstract:	Ig Products
Background:	There are two types of light chain in mammals, the kappa chain, encoded by the

Target Details

immunoglobulin kappa locus on chromosome 2, and the lambda chain, encoded by the immunoglobulin lambda locus on chromosome 22. Antibodies are produced by B lymphocytes, each expressing only one class of light chain. Once set, light chain class remains fixed for the life of the B lymphocyte.

Application Details

Application Notes:	ELISA: 1:10,000-1:100,000, ICC: 1:200-1:500, IHC: 1:200-1:500, WB: colorimetric: 1:1,000-1:10,000, chemiluminescent: 1:1,000-1:30,000 Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	Lot specific
Buffer:	50 mM Hepes, pH 7.1, with 0.0 NaCl, 0.2 % BSA, and 0.01 % Thimerosal.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. Dilute only prior to immediate use.
Storage:	4 °C