

A90544Ca91
HRP-linked Antibody to Immunoglobulin G (IgG)
Organism: Canis familiaris; Canine (Dog)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: IgG, Canine

Conjugation: HRP

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Concentration: 200µg/mL

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Full Length IgG of canine serum

USCN Accession No.: P90544Ca01

[RELEVANCE]

Immunoglobulin G (IgG) is one of the most abundant proteins in serum and the major components of the immune system. IgG is important for our defence against microorganisms and the molecules, which are produced by B lymphocytes as a part of our adaptive immune response. By binding many kinds of pathogen—representing viruses, bacteria, and fungi—IgG protects the body from infection. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.

Unique product Superb quality Client favorite Nicest service  ISO9001:2008;  ISO13485:2003; 

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against IgG. It has been selected for its ability to recognize IgG in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains native protein IgG disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.