



Anti-Goat IgG polyclonal antibody (DPAB2710)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to IgG-HRP
Specificity	Goat IgG heavy and light chain
Immunogen	goat IgG
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Goat
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Supplied as a 0.2 um filtered solution in phosphate-buffered saline (PBS) (pH 7.0) with stabilizers.
Buffer	Phosphate-buffered saline (PBS)
Preservative	None
Storage	Neat samples can be stored at 2°C-8°C for at least 3 months without detectable loss of activity.

BACKGROUND

Introduction	IgG is a monomeric immunoglobulin, built of two heavy chains gamma and two light chains. Each molecule has two antigen binding sites. This is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids, constituting 75% of serum
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immunoglobulins in humans. This is the only isotype that can pass through the human placenta, thereby providing protection to the fetus in its first weeks of life before its own immune system has developed. It can bind to many kinds of pathogens, for example viruses, bacteria, and fungi, and protects the body against them by complement activation (classic pathway), opsonization for phagocytosis and neutralisation of their toxins. There are 4 subclasses: IgG1 (66%), IgG2 (23%), IgG3 (7%) and IgG4 (4%).

Keywords

IgG Biotinylated; IgG; DKFZp686H11213; DKFZp686I04196; FLJ39988; FLJ40036; FLJ40253; FLJ40587; FLJ40789; FLJ40834; G1m marker; G2m marker; G3m marker; G4m marker; HDC; Heavy chain disease protein; Human immunoglobulin G; Ig gamma 1 chain C region; Ig gamma
