

Datasheet for 616-1502

Donkey IgG (H&L) Antibody Alkaline Phosphatase Conjugated**Overview**

Description:	Goat Anti-Donkey IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 616-1502
Item No.:	616-1502
Size:	1 mg
Applications:	Dot Blot, ELISA
Reactivity:	Donkey
Host Species:	Goat

Product Details

Background:	Anti-Donkey IgG Alkaline Phosphatase Antibody generated in goat detects donkey IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
Synonyms:	goat anti-Donkey IgG Antibody alkaline phosphatase conjugation, goat anti-Donkey IgG alkaline phosphatase conjugated Antibody
Host Species:	Goat
Specificity:	IgG (H&L)
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Donkey
Immunogen:	Donkey IgG whole molecule

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Donkey IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Donkey IgG, and Donkey Serum.
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Application Details

Tested Applications:	Dot Blot, ELISA
Application Note:	Anti-Donkey IgG Alkaline Phosphatase Antibody has been tested by ELISA and dot blot and is suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:40,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,500

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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