

Polyclonal Antibody to Equine IgGc HRP

Alternate names:	Horse IgGc
Catalog No.:	SP2010HRP
Quantity:	1 mg
Concentration:	1.0 mg/ml
Host:	Goat
Immunogen:	Purified Equine IgGc.
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS Preservatives: 0.1% Proclin™300 Stabilizers: 0.2% BSA Label: HRP – Horseradish Peroxidase
Applications:	ELISA: 1/10,000-1/100,000. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Horse IgGc. No cross - reactivity with other immunoglobulin classes. Species: Horse. Other species not tested.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Hooper-McGrevy KE, Wilkie BN, Prescott JF. Immunoglobulin G subisotype responses of pneumonic and healthy, exposed foals and adult horses to Rhodococcus equi virulence-associated proteins. Clin Diagn Lab Immunol. 2003 May;10(3):345-51. PubMed PMID: 12738629. 2. Jacks S, Giguère S, Crawford PC, Castleman WL. Experimental infection of neonatal foals with Rhodococcus equi triggers adult-like gamma interferon induction. Clin Vaccine Immunol. 2007 Jun;14(6):669-77. Epub 2007 Apr 4. PubMed PMID: 17409222. 3. Lewis MJ, Wagner B, Woof JM. The different effector function capabilities of the seven equine IgG subclasses have implications for vaccine strategies. Mol Immunol. 2008 Feb;45(3):818-27. Epub 2007 Jul 31. PubMed PMID: 17669496. 4. Cauchard S et al. (2014) Assessment of the safety and immunogenicity of Rhodococcus equi-secreted proteins combined with either a liquid nanoparticle (IMS 3012) or a polymeric (PET GEL A) water-based adjuvant in adult horses and foals--identification of

promising new candidate antigens. Vet Immunol Immunopathol. 157 (3-4): 164-74.
5. Meulenbroeks C, van der Lugt JJ, van der Meide NM, Willemse T, Rutten VP, Zaiss DM. Allergen-Specific Cytokine Polarization Protects Shetland Ponies against Culicoides obsoletus-Induced Insect Bite Hypersensitivity. PLoS One. 2015 Apr 22;10(4):e0122090. doi: 10.1371/journal.pone.0122090. eCollection 2015. PubMed PMID: 25901733.