Product datasheet

Anti-PD1 antibody ab36151

Overview

Product name       Anti-PD1 antibody
Description        Goat polyclonal to PD1
Host species       Goat
Tested applications Suitable for: ELISA, WB
Species reactivity Reacts with: Human
Predicted to work with: Mouse, Rat, Cow, Dog
Immunogen          Synthetic peptide corresponding to Human PD1 aa 224-236 (internal sequence).
                    Sequence: GELDFQWREKTPE

Properties

Form                Liquid
Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer      Preservative: 0.02% Sodium Azide
                    Constituents: 0.5% BSA, Tris buffered saline. pH 7.3
Purity              Immunogen affinity purified
Purification notes  Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality           Polyclonal
Isotype             IgG

Applications

Our Abpromise guarantee covers the use of ab36151 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Function**
Possible cell death inducer, in association with other factors.

**Involvement in disease**
Genetic variation in PDCD1 is associated with susceptibility to systemic lupus erythematosus type 2 (SLEB2) [MIM:605218]. Systemic lupus erythematosus is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.

**Sequence similarities**
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**Developmental stage**
Induced at programmed cell death.

**Cellular localization**
Membrane.

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