ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Tetherin / CD317 Antibody

Item Number

dAP-2072

Target Molecule

Principle Name: Tetherin / CD317; Official Symbol: BST2; All Names and Symbols: BST2; bone marrow stromal cell antigen 2; CD317; tetherin; Accession Number (s): NP_004326.1; Human Gene ID(s): 684; Non-Human GeneID(s):

Immunogen

ELTEAQKGFQD, is from internal region

Applications

Pep ELISA, WB

Species Tested: Human

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As

lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA

Peptide ELISA: antibody detection limit dilution 1 to 32000.

Western Blot

Western Blot: Approx 30kDa band observed in Human Spleen and Testis lysates (calculated MW of 19.8kDa according to NP_004326.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Rollason, J Cell Sci.

IHC

Reference

Reference(s): Perez-Caballero D, Zang T, Ebrahimi A, McNatt MW, Gregory DA, Johnson MC, Bieniasz PD, Tetherin inhibits HIV-1 release by directly tethering virions to cells. Cell 2009 Oct 139 (3): 499-511..PMID: 19879838->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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