Monoclonal Anti-human, canine CD303
Product reference: DDX0045

Description:
CD303/DLEC/BDCA2 / CLECSF7 / CLECSF11/
CD303/BDCA2 is a type II membrane glycoprotein of 213 amino acids with a molecular mass of 25 kD which belongs to the group II of human calcium-dependent (C-type) lectin receptors (CLRs) with a single carbohydrate recognition domain (CRD) predicting mannose-type specificity. Protein expression is restricted to the immature plasmacytoid dendritic cell subset on which BDCA2 is involved in ligand internalization, processing and presentation, as well as in inhibition of IFN-γ/β synthesis. (Treilleux I et al, 2004 Clinical Cancer Research, 10: 7466; Dzionek A. et al., 2000, J.Immunol.165, 6037; Dzionek A. et al., 2001, J.Exp.Med. 194, 1823-1833). The 109B8 clone was demonstrated to cross-react with the canine CD303 (Bonnefont C, personal communication, 2011).

Clone: 109B8
Species / Isotype: mouse, IgG1
Specificity: human CD303
Immunogen: human recombinant BDCA-2 like protein
Species cross-reactivity: dog
Purification: QMA Hyper D ion exchange chromatography
Formulation/size: Purified: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8
Coupled: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol

Available formats: (X)

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<td>DDX0045P-50</td>
<td>Purified</td>
<td>IHC, inhibition of IFNα secretion</td>
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<td>Alexa-fluor®488</td>
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Other clones available on request
Applications tested: IHC, surface flow cytometry, IF, inhibition of IFNα secretion

Usage recommendation: *This monoclonal antibody may be used between 5-20 µg/ml.
*Optimal dilution should be determined by each laboratory for each application.
*Coupled antibody: to maintain RT before use.

Aliquot storage conditions: -20°C. KEEP CONTENTS STERILE: no preservative.
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only
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