Monoclonal Anti-human, canine IRAK-4
Product reference: DDX0340

Description
IL-1R associated kinases (IRAKs) are important mediators in the signal transduction of Toll / IL-1R (TIR) family members. The mammalian family of IRAK molecules contains four members (IRAK1, IRAK2, IRAK-M and IRAK4). IL-1 stimulation leads to the recruitment of the IL-1R associated kinase (IRAK) to the IL-1 Receptor where IRAK is phosphorylated, ubiquinated, and eventually degraded. Endogenous IRAK-4 interacts with IRAK-1 and TRAF6 in an IL-1 dependent manner. IRAK-4 is able to phosphorylate IRAK-1. The 6F8 clone was generated after mouse immunization with human IRAK4-transfected eukaryotic cells. This monoclonal antibody was demonstrated to cross-react with canine IRAK-4.


Clone: 6F8
Species: mouse
Specificity: human IRAK-4
Immunogen: human recombinant IRAK-4 transfected 293T cells
Species cross-reactivity: dog
Isotype: IgG1
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:

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Applications tested: Western-Blot, Intracellular flow cytometry, IF

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.