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Monoclonal Antibody to CD282 / TLR2 - Purified

Alternate names: Toll-like receptor 2

Catalog No.: AM01267PU-N

Quantity: 0.25 mg

Concentration: 0.5 mg/ml

Background: CD282 is a cell surface molecule that functions as a key receptor in the innate immune response. CD282 may interact functionally at the cell surface with TLR6. Ligands for CD282 include bacterial cell wall components such as lipoproteins and peptidoglycans.

Uniprot ID: Q9QUN7

NCBI: 10090

GeneID: 24088

Host / Isotype: Rat / IgG2a

Recommended Isotype Controls: SM15P, SM15PX

Clone: 6C2

Immunogen: CHO cells expressing murine TLR2.
Genename: CD282

Format: **State:** Liquid purified IgG fraction
Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide

Applications: **Immunoprecipitation.**
Flow Cytometry: 1/10-1/50. Use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody recognises the murine TLR2, otherwise known as CD282.
Species: Mouse.
Other species not tested.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:
1. Kratzer R, Mauvais FX, Burgevin A, Barilleau E, van Endert P. Fusion proteins for versatile antigen targeting to cell surface receptors reveal differential capacity to prime immune responses. J Immunol. 2010 Jun 15;184(12):6855-64. doi: 10.4049/jimmunol.0902555. Epub 2010 May 14. PubMed PMID: 20483719.
2. Patole PS, Pawar RD, Lech M, Zecher D, Schmidt H, Segerer S, et al. Expression and regulation of Toll-like receptors in lupus-like immune complex glomerulonephritis of MRL-

Fas(lpr) mice. Nephrol Dial Transplant. 2006 Nov;21(11):3062-73. Epub 2006 Sep 5. PubMed PMID: 16954173.