

Product datasheet for **TA320415**

Lrrc36 Rat Monoclonal Antibody [Clone ID: B2D]

Product data:

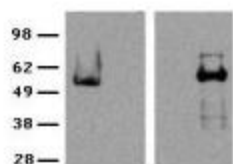
Product Type:	Primary Antibodies
Clone Name:	B2D
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	leucine rich repeat containing 36
Database Link:	NP_001028543 Entrez Gene 270091 Mouse Q3V0M2

Background: The B2D monoclonal antibody reacts with the mouse ROR γ (t) protein. ROR γ is a member of the retinoic acid-related orphan receptor (ROR) family, which also includes ROR α and ROR β . ROR family proteins are ligand-dependent transcription factors that play roles in multiple physiological processes. ROR γ is expressed in several tissues including liver, lung, muscle, heart and kidney. Furthermore, it was discovered that alternative transcription results in the expression of an isoform, ROR γ t, which is expressed exclusively in cells of the lymphoid compartment, namely CD4+CD8+ double-positive thymocytes, Th17 cells of the periphery and lymphoid tissue inducer (Lti) cells of lymphoid organs. The ROR γ t isoform differs from ROR γ by three unique amino acids at the amino terminus. Therefore, the B2D antibody will react with both the ROR γ and ROR γ t isoforms.

Synonyms: FLJ11004; RORBP70; XLHSRF2



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Product images:

Left: Mouse thymus (left) and spleen (right) nuclear cell lysates were loaded at 1×10^5 cells/lane, probed with 2 ug/mL of Anti-Mouse ROR gamma (t) Purified and revealed with Anti-Rat IgG HRP. Right: Untransfected (left) and mouse ROR gamma-transfected (right) 293T nuclear cell lysates were loaded at 1×10^5 cells/lane, probed with 2 ug/ml of Anti-Mouse ROR gamma (t) Purified and revealed with HRP anti-rat IgG.