

Product datasheet for **TA320254**

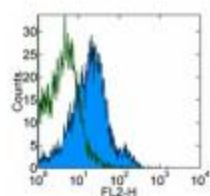
PD-L1 (Cd274) Rat Monoclonal Antibody [Clone ID: 1-111A]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1-111A
Applications:	FC
Recommended Dilution:	Flow
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:	CD274 antigen
Database Link:	NP_068693 Entrez Gene 60533 Mouse Q9EP73
Background:	The 1-111A monoclonal antibody reacts with mouse B7-H1, also known as PD-L1. B7-H1, a member of the B7 family, has a predicted molecular weight of approximately 40 kDa and belongs to the Ig superfamily. B7-H1 is expressed on a majority of leukocytes including T, B, NK and DC. B7-H1 is a ligand for PD-1. Interaction of PD-1 with either PD-L1 (B7-H1) or PD-L2 (B7-DC) results in inhibition of T and B cell responses. Preliminary testing suggests that 1-111A and MIH5 (Cat. No. 14-5982) cross-block each other.
Synonyms:	B7-H; B7-H1; B7H1; MGC142294; MGC142296; PD-L1; PDCD1L1; PDCD1LG1; PDL1



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Product images:

Staining of C57Bl/6 splenocytes with 0.25 ug Rat IgG2a K Isotype Control Purified (open histogram) or 0.25 ug Anti-Mouse CD274 (B7-H1) Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.