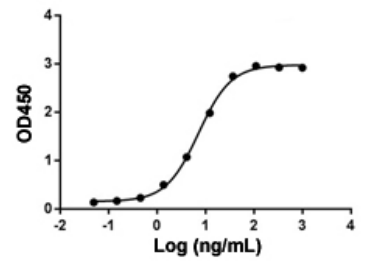
Anti-Durvalumab recombinant monoclonal antibody, clone 15D6

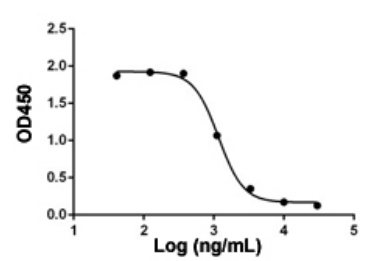
Catalog # RAB09611 Size 40 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA binding of Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) with Durvalumab. While the antibody does not recognize the human IgG (data not shown). Coating antigen: Durvalumab, 1 ug/mL. Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) dilution start from 1000 ng/mL. EC_{50} = 7.222 ng/mL.



Blocking

Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) blocks Durvalumab binding with PD-L1 protein. Coating antigen: Durvalumab, 0.5 ug/mL. PD-L1 final concentration: 30 ng/mL. Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) dilutions start from 30 ug/mL. IC_{50} = 1.37 ug/mL.

Specification

Product Description	Recombinant mouse monoclonal antibody raised against Durvalumab. Target gene is PD-L1.
Immunogen	Durvalumab.
Host	Mouse
Specificity	The product is specific for Durvalumab.
Form	Lyophilized
Preparation Method	This antibody is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Durvalumab.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Purification	Protein A purification
Isotype	IgG2a, kappa
Recommend Usage	ELISA (ELISA detection: 0.01-0.1 ug/mL; ELISA blocking: 5-30 ug/mL) (Direct/Inhibitory ELISA) The optimal working dilution should be determined by the end user.
Inhibitory IC50	1.37 ug/mL
Storage Buffer	Lyophilized from PBS, pH 7.4 (0.02% sodium azide).
Storage Instruction	Store at -20°C on dry atmospher. The lyophilized product remains stable up to 1 year at -20°C from d ate of receipt. After reconstitution with deionized water (or equivalent) to a final concentration of 0.5 mg/mL, it can b e stored for 2-3 weeks at 2-8°C or for up to 12 months at -20°C or below. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

  ELISA binding of Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) with Durvalumab. While the antibody does not recognize the human IgG (data not shown). Coating antigen: Durvalumab, 1 ug/mL. Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) dilution start from 1000 ng/mL. EC_{50} = 7.222 ng/mL.

- Blocking

  Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) blocks Durvalumab binding with PD-L1 protein. Coating antigen: Durvalumab, 0.5 ug/mL. PD-L1 final concentration: 30 ng/mL. Anti-Durvalumab monoclonal antibody, clone 15D6 (Cat # RAB09611) dilutions start from 30 ug/mL. IC_{50} = 1.37 ug/mL.

Gene Info — CD274

Entrez GeneID	29126
Gene Name	CD274
Gene Alias	B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1
Gene Description	CD274 molecule
Omim ID	605402
Gene Ontology	Hyperlink

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Other Designations	CD274 antigen|OTTHUMP00000021029|programmed cell death 1 ligand 1

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Addison Disease
- Arthritis
- Autoimmune Diseases
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Graves Disease
- Lupus Erythematosus
- Multiple Sclerosis
- Narcolepsy
- Rheumatoid Nodule

Copyright © 2023 Abnova Corporation. All Rights Reserved.