

hPD-1 recombinant antibody

Recombinant hPD-1 rabbit Monoclonal Antibody (Clone: ABMRR01)

CATALOG # AAA78404	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

hPD-1; Monoclonal Recombinant Antibody; Recombinant hPD-1 rabbit Monoclonal Antibody (Clone: ABMRR01); Cancer Marker; PD-1; PDCD1; 5133; Q15116; PD1; CD279; ABMRR01; Recombinant hPD-1 rabbit monoclonal Antibody (Clone: ABMRR01); Low Endotoxin; No Azide; NALE; hPD-1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	ABMRR01
Purity/Purification	Purified Protein A Chromatography
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	288
Applicable Applications for hPD-1 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen	PD-1
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Fig-3: Western blot analysis of Rabbit recombinant hPD-1 antibody. Anti-Rabbit recombinant hPD-1 antibody was tested at 1 ug/ml in Jurkat cell lysate



FCM/FACS (Flow Cytometry)

Fig-2: Cell surface flow analysis of Rabbit recombinant h PD-1 antibody in CHO-PD1 transfected cell line using 0.2 ug/10⁶ cells of Rabbit recombinant hPD-1 antibody (Clone: ABMRR01). Green represent CHO/K1 cells and red represent Rabbit recombinant hPD-1 antibody. Goat anti rabbit PE conjugate was used as secondary antibody.



FCM/FACS (Flow Cytometry)

Fig-1: Cell surface flow analysis of Rabbit recombinant hPD-1 antibody in PHA treated PBMC (Lymphocyte gated) using 0.5 ug/10⁶ cells of Rabbit recombinant hPD-1 antibody (Clone: ABMRR01). Green represent isotype control and red represent Rabbit recombinant hPD-1 antibody. Goat anti rabbit FITC conjugate was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for hPD-1 recombinant antibody	PDCD-1 (programmed cell death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. It is expressed on activated T-cells, B-cells, and myeloid cells. Anti-PDCD-1 is a marker of angioimmunoblastic lymphoma and suggests a unique cell of origin for this neoplasm. Unlike CD10 and BCL6, PDCD-1 is expressed by few B-cells, so anti-PDCD-1 may be a more specific and useful marker in angioimmunoblastic lymphoma. In addition, PDCD-1 expression provides evidence that angioimmunoblastic lymphoma is a neoplasm derived from germinal center-associated T-cells.
Product Categories/Family for hPD-1 recombinant antibody	Immune-Check Point

NCBI AND UNIPROT INFORMATION

NCBI GI #	167857792
NCBI GeneID	5133
NCBI Accession #	NP_005009.2
NCBI GenBank Nucleotide #	NM_005018.2
UniProt Accession #	Q15116; O00517; Q8IX89
Molecular Weight	31,647 Da
NCBI Official Full Name	programmed cell death protein 1
NCBI Official Synonym Full Names	programmed cell death 1
NCBI Official Symbol	PDCD1
NCBI Official Synonym Symbols	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
NCBI Protein Information	programmed cell death protein 1
UniProt Protein Name	Programmed cell death protein 1
UniProt Gene Name	PDCD1
UniProt Synonym Gene Names	PD1; Protein PD-1; hPD-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hpd-1-recombinant-antibody-clone-abmrr01-flow-cytometry-western-blot-elisa/78404>