

Mouse PD-1 Monoclonal Antibody | anti-PD-1 antibody

PD-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300803	Mouse	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

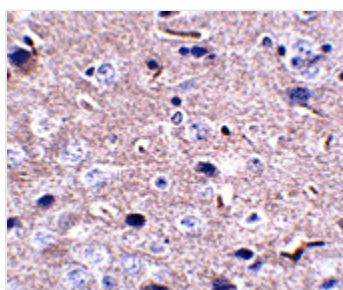
PRODUCT SYNONYMS

PD-1; Monoclonal Antibody; PD-1 Monoclonal Antibody; PD-1 (12A7D7); Programmed cell death 1; PDCD-1; CD279; anti-PD-1 antibody

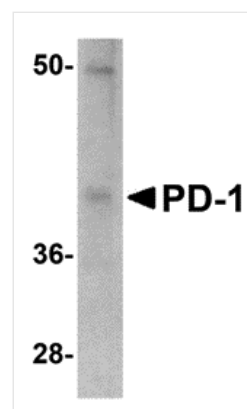
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	12A7D7
Purity/Purification	Immunoaffinity chromatography purified IgG
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Applicable Applications for anti-PD-1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	A ~150 amino acid recombinant protein from near the terminus terminus of mouse PD-1.
Target Name	PD-1
Preparation and Storage	Can be stored at -20 degree C, stable for one year.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of PD-1 in mouse brain tissue with PD-1 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of PD-1 in A-20 cell lysate with PD-1 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PD-1 antibody	Cell-mediated immune responses are initiated by T lymphocytes that are themselves stimulated by cognate peptides bound to MHC molecules on antigen-presenting cells (APC). T-cell activation is generally self-limited as activated T cells express receptors such as PD-1 (also known as PDCD-1) that mediate inhibitory signals from the APC. PD-1 can bind two different but related ligands, PDL-1 and PDL-2. Upon binding to either of these ligands, signals generated by PD-1 inhibit the activation of the immune response in the absence of "danger signals" such as LPS or other molecules associated with bacteria or other pathogens. Evidence for this is seen in PD1-null mice who exhibit hyperactivated immune systems and autoimmune diseases. Despite its predicted molecular weight, PD-1 often migrates at higher molecular weight in SDS-PAGE.
Product Categories/Family for anti-PD-1 antibody	Total protein Ab

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pd-1-antibody-clone-12a7d7-immunohistochemistry-western-blot-elisa/300803>