

PRODUCT DATA SHEET



RABBIT ANTI-HUMAN PD-1 MONOCLONAL ANTIBODY CAL20

CATALOG NUMBER:	RM201-001
DOCUMENT NUMBER:	IFU-260 Rev A_CAL20_12212017
VOLUME:	0.1 ml
INTENDED USE:	For Research Use Only. Not for use in diagnostic procedures.
CLONE:	CAL20
IMMUNOGEN:	Synthetic peptide derived from a region of the PD-1 protein.
IG ISOTYPE:	Rabbit IgG1
TYPE:	Monoclonal
LABEL:	Unconjugated
ANTIGEN:	Peptide corresponding to region within human PD-1
STOCK CONCENTRATION:	See vial
SPECIES REACTIVITY:	Human (tested)
CELLULAR LOCALIZATION:	Membranous
Manufacturer:	Calico BioLabs, Inc.
APPLICATIONS:	Immunohistochemistry (IHC)- Formalin-fixed, paraffin-embedded tissues are suitable for use with this primary antibody.

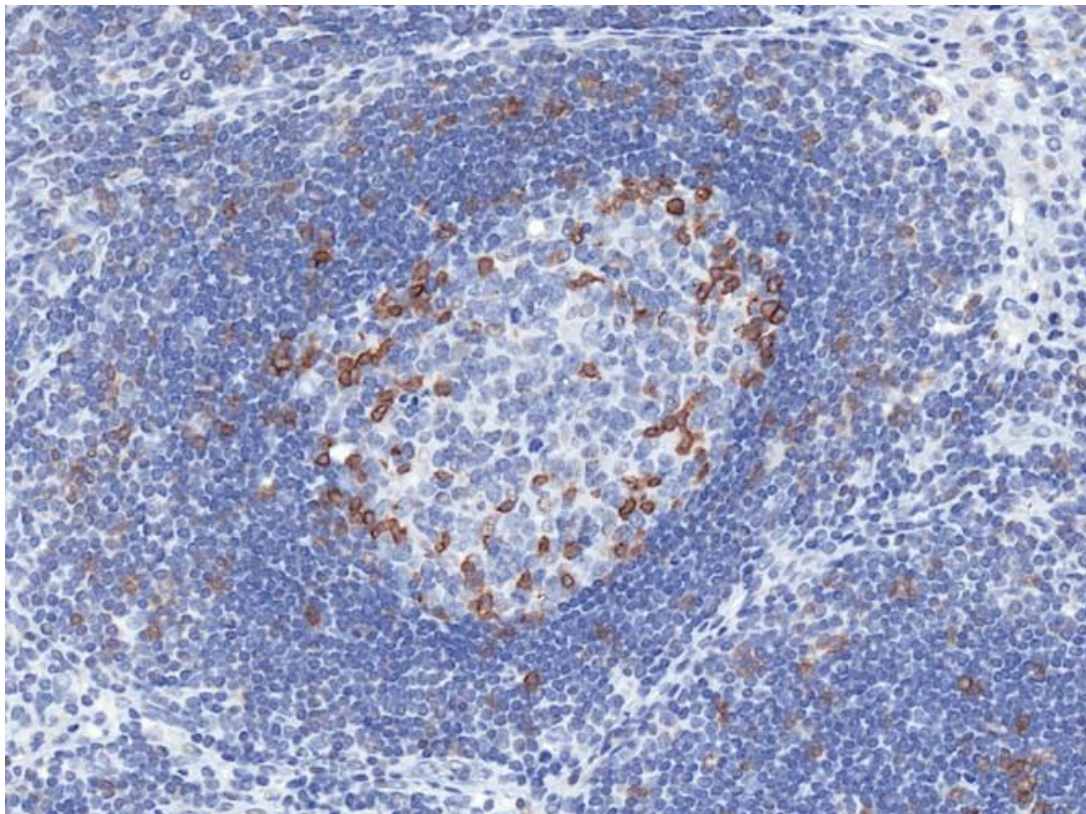
STAINING PROTOCOL RECOMMENDATIONS:	Antibody Dilution: If using the concentrate format of this product, dilute the antibody to 1:1800 to 1:2200 (0.125 ug/ml). The dilutions are estimates; actual results may differ because of variability in methods and protocols. Antigen Retrieval: TRIS EDTA buffer, pH 8.0
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IHC POSITIVE CONTROL:	PD-1 transfected HEK cell pellets, colon, tonsil, pancreas.
STORAGE & STABILITY:	Store at 2-8 degrees C (supplied in PBS (pH 7.5), .05% azide)
EXPIRATION DATE:	1 Year
TECHNICAL SUPPORT:	Email our team at ihctech@statlab.com or call (800) 442-3573
APPROVED DATE:	November 17, 2017

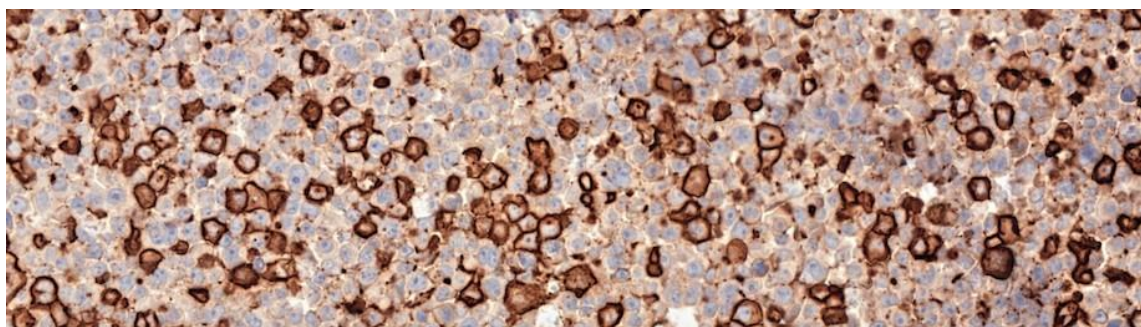
PRECAUTIONS	This antibody contains less than 0.1% sodium azide. Concentrations less than 0.1% are not reportable hazardous materials according to U.S. 29 CFR 1910.1200, OSHA Hazard communication and EC Directive 91/155/EC. Sodium azide (NaN ₃) used as a preservative is toxic if ingested. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build-up in plumbing. (Center for disease control, 1976, National Institute of Occupational Safety and Health, 1976). Specimens, before and after fixation and all materials exposed to them, should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come into contact with sensitive areas, wash with copious amounts of water. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation time or temperatures other than those specified may give erroneous results. The user must validate any such change. SDS is available.
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PD-1 on Lymph Node tissue



PD-1 Transfected HEK293 cells

