

## CD274 Polyclonal Antibody

Cat #: ABP58053

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> CD274 Polyclonal Antibody		
	<b>Applications:</b> IHC-P, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human		
<b>REF</b>	<b>Catalog Number:</b> ABP58053	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** CD274, also commonly referred to as PDL1, is a ligand that binds with the receptor PD1, commonly found on T-cells, and acts to block T-cell activation. PD1 expression has been observed in a variety of cancers including melanoma and non-small cell lung cancer. The interaction of PD1/PDL1 is hypothesized to be a possible mechanism for the tumor to escape immune response. A number of checkpoint blockade inhibitors including pembrolizumab and nivolumab have been developed that target the PD1/PDL1 interaction in order to allow T-cells to recognize tumor cells without being deactivated by the tumor.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:50-1:200), ELISA (1:10000-1:20000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

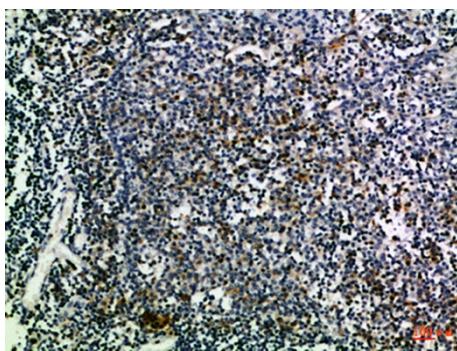


Fig.1. Immunohistochemical analysis of paraffin-embedded Human-tonsil, antibody was diluted at 1:100.

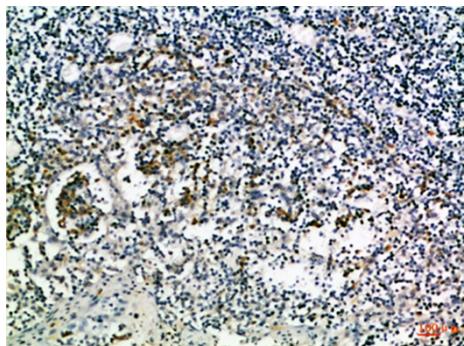


Fig.2. Immunohistochemical analysis of paraffin-embedded Human-tonsil, antibody was diluted at 1:100.

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