



# Mouse Anti-Human HPi1 monoclonal antibody, clone HIC0-4F9 (CABT-ZS5004)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Specific for multiple endocrine cell types.
<b>Target</b>	HPi1
<b>Immunogen</b>	Human pancreatic enriched islet cells containing low levels of exocrine and ductal cells.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	HIC0-4F9
<b>Purification</b>	Affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-F, ICC/IF, FC Recommended Dilutions: IHC-F: 1:100 ICC/IF: 1:10-1:500 FC: 1:50-1:100 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Supernatant
<b>Concentration</b>	Lot specific

<b>Size</b>	100 $\mu$ L
<b>Buffer</b>	Tissue culture supernatant
<b>Preservative</b>	0.09% sodium azide
<b>Storage</b>	Stable for 1 year at 2-8°C from date of receipt.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** HPI 1 is a hedgehog (Hh) signaling inhibitor. Inhibits Sonic hedgehog (Shh)-, SAG- and Gli-induced Hh pathway activation in Shh-LIGHT2 cells (IC50 values are 1.5, 1.5, 4 and 6  $\mu$ M for Shh-, SAG-, Gli2- and Gli1-induced activation). Also inhibits Hh pathway activation in SmoM2-LIGHT cells (IC50 = 2.5  $\mu$ M); inhibits the proliferation of cerebellar granule neuron precursors expressing SmoM2. Does not inhibit Wnt signaling.

**Keywords** Endocrine system; Endocrine cell marker

## GENE INFORMATION

**Synonyms** Endocrine system; Endocrine cell marker