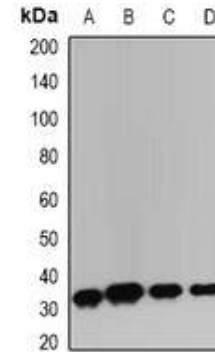


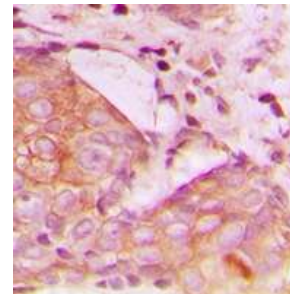
Anti-TIM3 Antibody

CATALOG NO:	A1390-100
ALTERNATIVE NAMES:	TIM3; TIMD3; Hepatitis A virus cellular receptor 2; HAVcr-2; T-cell immunoglobulin and mucin domain-containing protein 3; TIMD-3; T-cell immunoglobulin mucin receptor 3; TIM-3; T-cell membrane protein 3
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide of human TIM3
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of TIM3 protein
SPECIES REACTIVITY:	Human and Mouse
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	As a member of the T cell immunoglobulin and mucin domain (TIM) family, Tim-3 is reported to promote or terminate Th1 immunity and is thought to influence a range of inflammatory conditions. It is constitutively expressed in a subset of murine IFN γ -secreting Th1 cells, but not Th2 cells, in both human and mice. Additionally, Tim-3 is expressed dendritic cells, and by a subset of CD4 $^{+}$ cells where its levels of expression increase upon anti-CD3/28 stimulation. This molecule is also highly expressed in in vitro polarized Th1 cells, and at lower levels in Th17 cells. It is known to synergize with Toll-like receptors and is thought to regulate Th1 and Th17 cytokine secretion.
APPLICATION:	WB: 1:500 – 1:1000 IHC: 1:50 – 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of TIM3 expression in HepG2 (A); BT474 (B); mouse lung (C); mouse thymus (D) whole cell lysates



Immunohistochemical analysis of TIM3 staining in human breast cancer formalin fixed paraffin embedded tissue section.

RELATED PRODUCTS:

- Human CellExp™ TIGIT, rat recombinant (Cat. No. P1089)
- Human CellExp™ TIGIT, human recombinant (Cat. No. 8015)
- Human CellExp™ TIGIT, rabbit recombinant (Cat. No. P1089)

FOR RESEARCH USE ONLY! Not to be used on humans.