# Anti-PDCD4 (Phospho-Ser457) Polyclonal Antibody

 Catalog No.
 Size

 A100145-01
 50 μl

 A100145-02
 100 μl

Specificity Source Application

Rabbit Polyclonal WB ELISA IHC Liquid, 1 mg/ml

### Product

Form

Swiss-Prot No.: Q53EL6

Other Names: neoplastic transformation inhibitor; nuclear

antigen H731-like; programmed cell death protein 4

## Specificity and Sensitivity

PDCD4 (Phospho-Ser457) antibody detects endogenous levels of PDCD4 only when phosphorylated at serine 457.

#### Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PDCD4 around the

phosphorylation site of serine 457 (F-V-S<sup>P</sup>-E-G).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### **Application Notes**

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:1000

## Storage Buffer

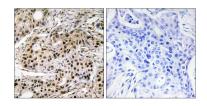
Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

### Storage Instructions

Stable for 1 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. Aliquot will be stable at 4°C for 3 months.

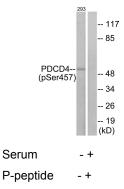
### Images

Anti- PDCD4 (Phospho-Ser457) (human mouse rat)



EARTH (

P-peptide - + Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PDCD4 (Phospho-Ser457) antibody.



Western blot analysis of extracts from 293 cells, treated with serum (20%, 15mins), using PDCD4 (Phospho-Ser457) antibody.

