# CAU29345

## Monoclonal Antibody to VGF Nerve Growth Factor Inducible (VGF)

## Organism Species: Homo sapiens (Human)

### *Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

# [ PROPERTIES ]

**Source:** Monoclonal antibody preparation
**Host:** Mouse
**Antibody isotype:** IgG2b Kappa
**Purification:** Protein A/G Affinity Chromatography.
**Clone number:** B16
**Traits:** Liquid
**Concentration:** 500μg/mL
**UOM:** 200μg
**Applications:** WB; ICC; IHC-P; IHC-F; ELISA; IP; IF; FCM.

# [ IMMUNOGEN ]

**Immunogen:** Recombinant VGF (Asp330~Pro449) expressed in *E.coli*.
**Accession No.:** RPB166Hu01

# [ APPLICATIONS ]

Western blotting: 0.5-5ug/ml
Immunocytochemistry in formalin fixed cells: 5-30ug/ml
Immunohistochemistry in formalin fixed frozen section: 5-30ug/ml
Immunohistochemistry in paraffin section: 5-30ug/ml
Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml
Optimal working dilutions must be determined by end user.

# [ FORMULATION ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN$_3$, 50% glycerol.

# [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.
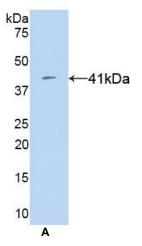
# [ IDENTIFICATION ]



**Figure 1. Western Blot**

**A. Sample: Recombinant VGF, Human**