

HGK Monoclonal Antibody

Description

| | |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type | Primary Antibody |
| Code | BT-MCA0674 |
| Host | Mouse |
| Isotype | IgG |
| Size | 50ul, 100ul |
| Immunogen | Purified recombinant fragment of HGK (aa400-500) expressed in E. Coli. |
| Mol wt | N/A |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | Mitogen-activated protein kinase kinase kinase kinase 4 |
| Synonyms | MAP4K4; HGK; KIAA0687; NIK; Mitogen-activated protein kinase kinase kinase kinase 4; HPK; GCK-like kinase HGK; MAPK; ERK kinase kinase kinase 4; MEK kinase kinase 4; MEKKK 4; Nck-interacting kinase |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified.

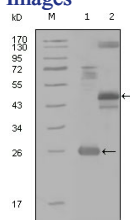
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using HGK Monoclonal antibody against truncated Trx-HGK recombinant protein (1) MBP-HGK (aa300-400) recombinant protein (2) and HGK(aa194-436)-hlgGfC transfected CHO-K1 cell lysate(3).

Storage

-20°C for one year