

## Datasheet for ABIN532978 anti-Hexokinase 2 antibody



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### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | Hexokinase 2 (HK2)  |
| Reactivity:  | Human   |
| Host:        | Mouse   |
| Clonality:   | Monoclonal  |
| Conjugate:   | This Hexokinase 2 antibody is un-conjugated   |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC) |

### Product Details

|                   |   |
|-------------------|---|
| Purpose:          | Mouse monoclonal antibody raised against full length recombinant HK2. |
| Immunogen:        | Recombinant protein corresponding to full length human HK2.           |
| Clone:            | 1A7   |
| Isotype:          | IgG1  |
| Cross-Reactivity: | Human   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | Hexokinase 2 (HK2)                            |
| Alternative Name: | Hexokinase-2 ( <a href="#">HK2 Products</a> ) |
| Gene ID:          | 3099  |

## Target Details

NCBI Accession: [NM\\_000189](#)

Pathways: [PI3K-Akt Signaling](#), [Carbohydrate Homeostasis](#), [Warburg Effect](#)

## Application Details

Application Notes: Western Blot (1:1000-1:3000)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).

Preservative: Sodium azide

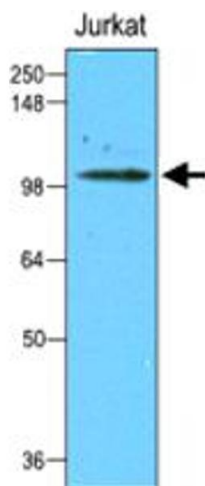
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in: Landberg, Mailhot, Brainerd: "Lung ventilation during treadmill locomotion in a semi-aquatic turtle, *Trachemys scripta*." in: **Journal of experimental zoology. Part A, Ecological genetics and physiology**, Vol. 311, Issue 8, pp. 551-62, (2009) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis of cell lysate of Jurkat (50 ug) was resolved by SDS - PAGE , transferred to NC membrane and probed with HK2 monoclonal antibody , clone 1A7 (1 : 2000) . Proteins were visualized using a goat anti - mouse secondary antibody conjugated to HRP and an ECL detection system.