+1.781.569.5821 [INTERNATIONAL]

## bs-9706R

## - Rabbit Anti-J WA Polyclonal Antibody

Primary Antibodies

## Background:

JWA is a four-transmembrane environmental responsive protein which binds to the CC chemokine recepor 5 (CCR5), a major co-receptor for human immunodeficiency virus (HIV). JWA is involved in environmental stressresponsive pathways in K562 cells, an erythroleukemia cell line derived from patients with chronic myeloid leukemia. Environmental stressors to K562 cells such as heat shock, a higher temperature than the ideal body temperature of the organism from which the cell line was derived, and oxidative stress, the production of oxygen-centered free radicals, regulate and increase the expres-sion of JWA. This response to environmental stressors suggests similiarity of JWA to heat shock protein 70 (HSP70), which is upregulated by heat stress and toxic chemicals.

## Source/ Purification:

KLH conjugated synthetic peptide derived from human JWA. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at $-20^{\circ} \mathrm{C}$ for one year.

## Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

For full size images and description please click HERE

Size: 100ul or 100ug lyophilized
Concentration: lug/uL
Host: Rabbit
Reactivities:
Human,Mouse,Rat,Dog,Pig,Cow,Horse, Rabbit,Sheep,

## Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- FACS(1:20-100)
- IF(1:50-200)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal
I sotype: IgG
Molecular Weight: 22 kDa
Preservatives: $\quad 10 \mathrm{ug} / \mathrm{uL}$ BSA and $0.1 \%$ NaN3.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

