

### [ Primary Antibody ]

## IL24 Rabbit pAb



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ANTIBODIES

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## — DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Applications: WB** (1:500-2000)

**Clonality:** Polyclonal

**GeneID:** 11009

**SWISS:** Q13007

**Target:** IL24

**Immunogen:** KLH conjugated synthetic peptide derived from human IL24: 121-206/206.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

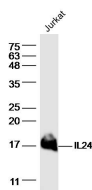
**Background:** This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Reactivity:** Human (predicted: Mouse, Rat)

**Predicted MW.:** 17 kDa

**Subcellular Location:** Secreted

— VALIDATION IMAGES



Sample: Jurkat (human) cell Lysate at 40 ug

Primary: Anti- IL-24 (bs-10576R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 17 kD

Observed band size: 17 kD

## — SELECTED CITATIONS

- **[IF=3.202]** Yang M et al. Combination therapy with F5/35 fiber chimeric conditionally replicative adenoviruses expressing IL-24 enhances the antitumor effect of temozolomide against melanoma. (2018) *Cancer Medicine*. Dec;7(12):5928-5942. WB,ICC ;. 30406970
- **[IF=1.482]** Liang et al. A conditionally replicating adenovirus expressing IL-24 acts synergistically with temozolomide to enhance apoptosis in melanoma cells in vitro. (2017) *Oncol.Let.* 13:4185-4189 WB ;Human. 28599419