

## IL-8 (V68) polyclonal antibody

Catalog: BS3479

Host: Rabbit

Reactivity: Human

### BackGround:

IL-8 has been shown to function as a potent neutrophil chemostatic and activating peptide and is an important mediator of inflammatory diseases. Two distinct human IL-8 receptors, designated IL-8RA and IL-8RB, have been characterized. Both are expressed at a high level on neutrophils, and to a lesser extent on monocytes and myeloid cell lines. In addition, the IL-8RA subunit is expressed in T cells such as the Jurkat cell line. Both IL-8Rs are members of the seven-transmembrane domain rhodopsin superfamily of receptors and as such, couple G proteins for signal transduction. The two receptors share 77% amino acid identity.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 11 kDa

### Swiss-Prot:

P10145

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

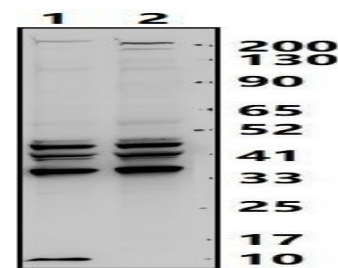
### Storage&Stability:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

### Specificity:

IL-8 (V68) polyclonal antibody detects endogenous levels of IL-8 protein.

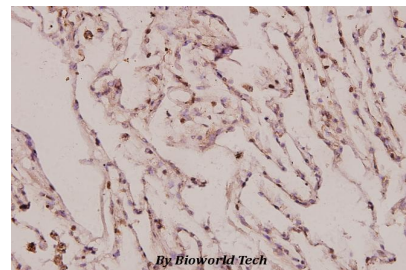
### DATA:



Western blot (WB) analysis of IL-8 pAb at 1:500 dilution

Lane1:THP-1 treated with LPS(100 ng/ml) for 6h and treated with BFA(300 ng/ml) for 3h whole cell lysate(30ug)

Lane2:THP-1 whole cell lysate(30ug)



Immunohistochemistry (IHC) analyzes of IL-8 (V68) pAb in paraffin-embedded human lung carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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