# IL19 Polyclonal Antibody

**catalog number:** **E-AB-13327**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

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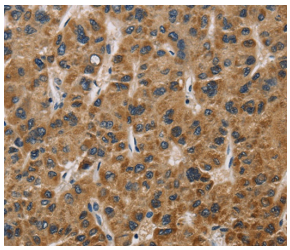
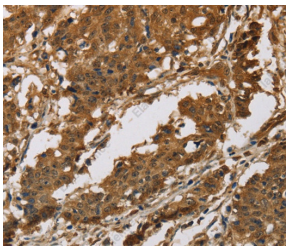
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Synthetic peptide of human IL19 |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:50-1:200 |

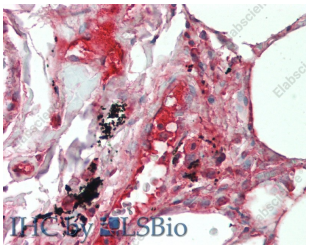
## Data



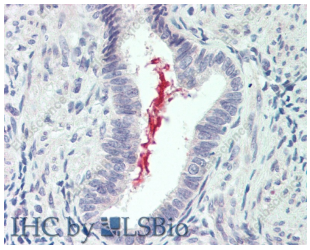
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using IL19 Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using IL19 Polyclonal Antibody at dilution 1:40




Immunohistochemistry of paraffin-embedded Lung tissue using IL19 Polyclonal Antibody at dilution of 1:90 (Elabscience Product Detected by Lifespan).




Immunohistochemistry of paraffin-embedded Lung tissue using IL19 Polyclonal Antibody at dilution of 1:90 (Elabscience Product Detected by Lifespan).

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described.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