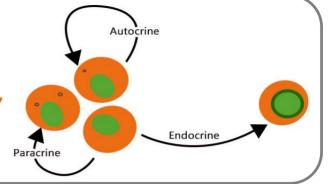
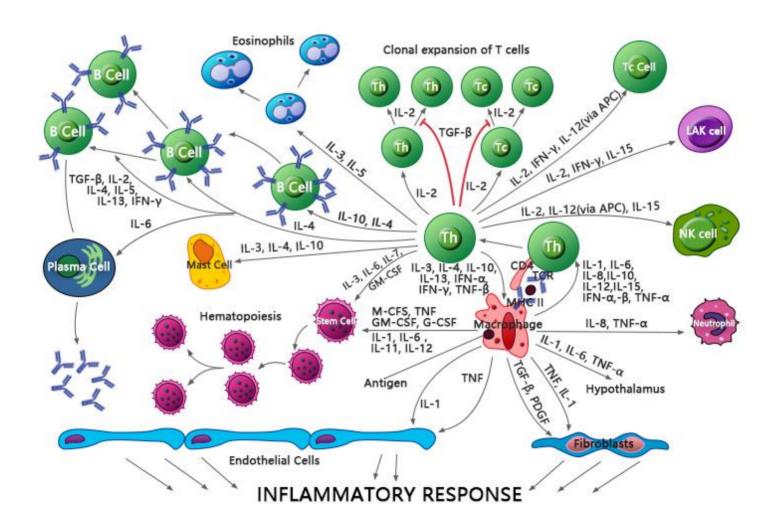
# **Cytokines**

◆ Cytokines: small secreted proteins by specific cells of immune system and other cells, involving in cell signaling.





### Cytokines and Inflammatory Response

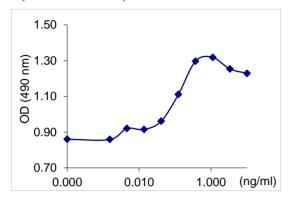
Cell Signaling: Cytokines and Their Receptors (http://www.veteriankey.com)



# **Cytokine Products**

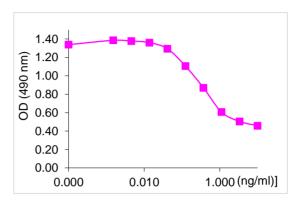
#### **Featured Proteins**

## Human FGF Basic (cat# TP750002)



The activity of bFGF was determined in a cell proliferation assay using 3T3 cells,

## Human TNF-alpha (cat# TP750007)



The cytotoxicity of TNF-a was determined by the cytolysis of *L929 cells* in the presence of Actinomycin D

### **OriGene Provides Whole-Product Solutions to Common Cytokines**

Cytokine Name	cDNA Clones	RNAi	Protein	Antibody	ELISA Kit	CRISPR Knockout Kit
bFGF / FGF2	<b>✓</b>	<b>V</b>	<b>✓</b>	<b>V</b>	<b>✓</b>	<b>V</b>
VEGFA	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
LIF	<b>✓</b>	<b>V</b>	<b>✓</b>	<b>V</b>	<b>✓</b>	<b>V</b>
BMP2	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
TNFa	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>/</b>
IL6	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>✓</b>
GDF11	<b>√</b>	<b>√</b>	<b>V</b>	<b>V</b>		<b>✓</b>
RSPO1	<b>V</b>	<b>√</b>	<b>V</b>	<b>V</b>		<b>✓</b>
CD34	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>V</b>		<b>✓</b>
EBI3	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>		<b>V</b>
Msln	<b>V</b>	<b>√</b>	<b>V</b>	<b>V</b>	<b>✓</b>	<b>V</b>
FGF19	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
IL2	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
IFNA2	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>		<b>V</b>
EGFR	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>

For more information, please visit www.origene.com

