Product Datasheet

IL8 Antibody (orb229133)

Catalog Number	orb229133
Category	Antibodies
Description	Rabbit polyclonal antibody to interleukin 8 is also known as IL8/NAP1 form V and MDNCF whose expression can be detected by ER stress in a DDIT3/CHOP-dependent manner. It is found in the extracellular space. This protein has a 5-10-fold higher activity on neutrophil activation and IL-8(5-77) has increased activity on neutrophil activation along with IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively. IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation.
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Tested applications	IHC-P, WB
Dilution range	WB: 1:500-2000, IHC-P: 1:50-200
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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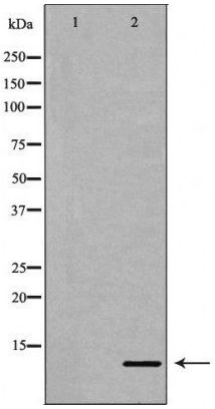
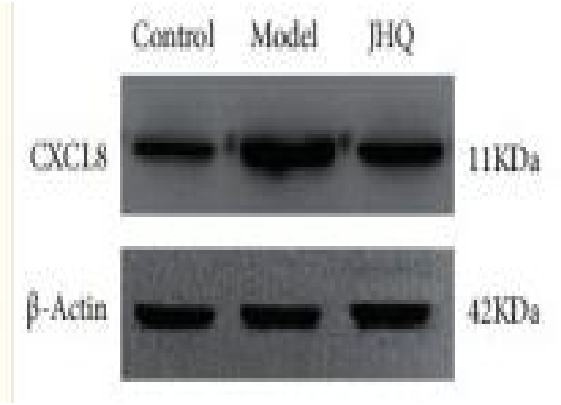
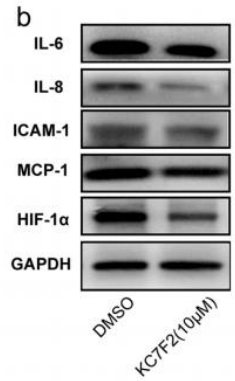


Western blot analysis of extracts from human liver using IL8 antibody.



Effect of JHQ on core target proteins abundant in LX-2 cells after CuSO4 treatment. ∗∗∗P 0.001 and ∗∗P 0.01 compared with the model group.



Efects of inhibition of HIF-1α on expression of infammation after hyperglycemic and hypoxia.b Cells were treated with KC7F2 (10 μM) or si-HIF-1α for 48 h following combined stimulation, and IL-6, IL-8, ICAM-1, MCP-1, and c HIF-1α levels were analyzed. The

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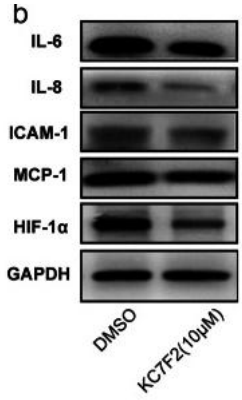
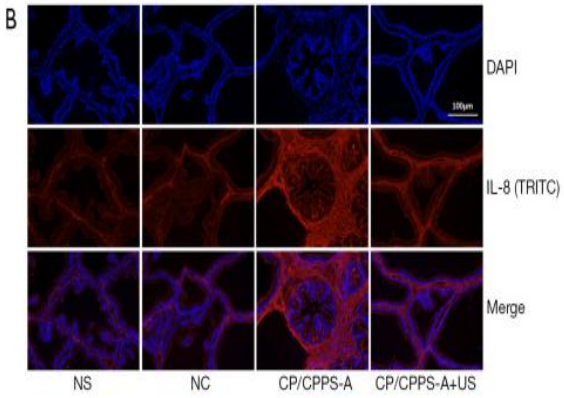
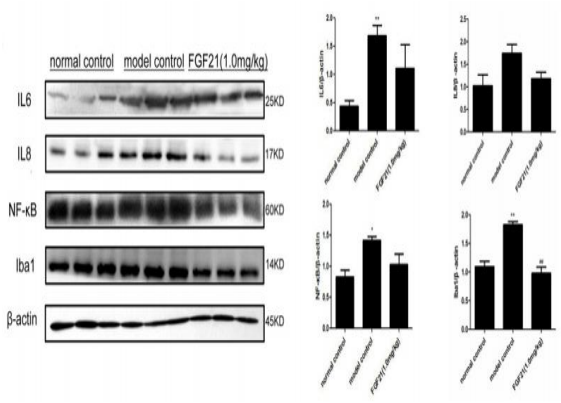


Effects of inhibition of HIF-1α on expression of inflammation after hyperglycemic and hypoxia. a Cells were treated with glucose (25 mM) or with combined exposure to high glucose and hypoxia for 6, 12, 24, and 48 h. Exposure to glucose alone or combined s



Prostatic fluid exosomes promoted inflammation in prostate tissue. (A) Representative HE-staining images of prostate tissue in SD rats injected with normal saline, NC exosomes, prostatic fluid exosomes of CP/CPPS-A patients, and ultrasound-treated prostat



FGF21 attenuates the expression of NF-κB, Iba1, IL6 and IL8 in the brains of diabetic mice (n = 10/group). (A)The IL6 levels of each group mice were exhibited by immunohistochemistry (40X magnification, bar = 20 μm). (B) The levels of NF-κB, Iba1, IL6 and

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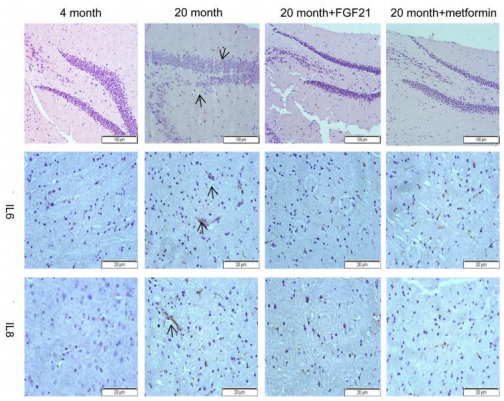
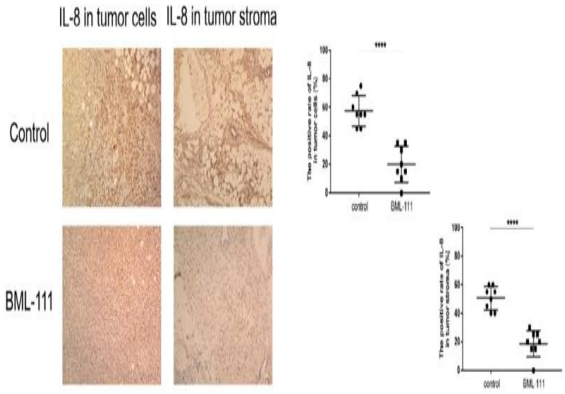
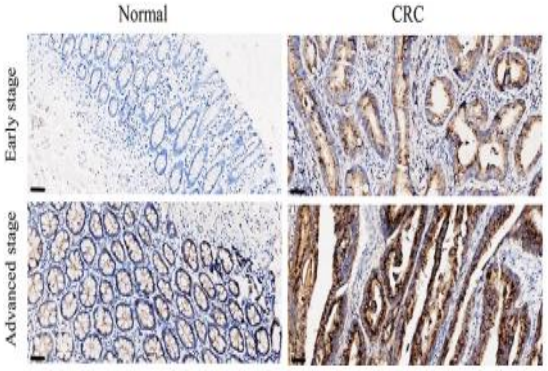


FGF21 attenuates neurodegeneration through anti-inflammation in aging mice (n = 7-8/group). (D) The injury levels were exhibited by H&E staining (10X magnification, bar = 100 μm) and IL6, IL8 levels were exhibited by immunohistochemistry (40X magnificatio



The inhibitory effect of BML-111 on the tumor growth of 4T1-MIND model mice in vivo (A) Representative images of the tumor tissue dissected from 4T1-MIND model mice. *P = 0.0271 BML-111 group vs. control group. (F) The expression of IL-8 in tumor cells an



Expression levels of CXCL8 in the clinical cohort. (A) The levels of CXCL8 mRNA in the normal (N = 81), colorectal cancer (CRC)-early stage (N = 44)and CRC-advanced stage (N = 37) groups. (B) The levels of CXCL8 protein in normal (N = 87), CRC-early stage

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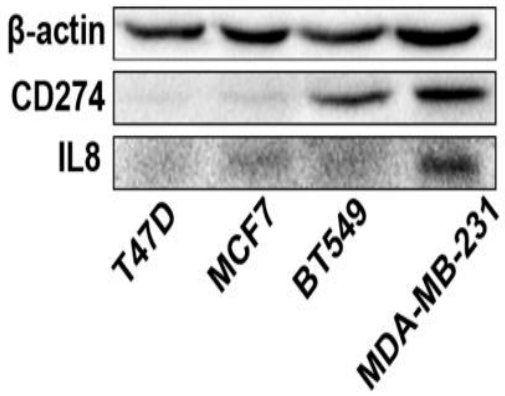
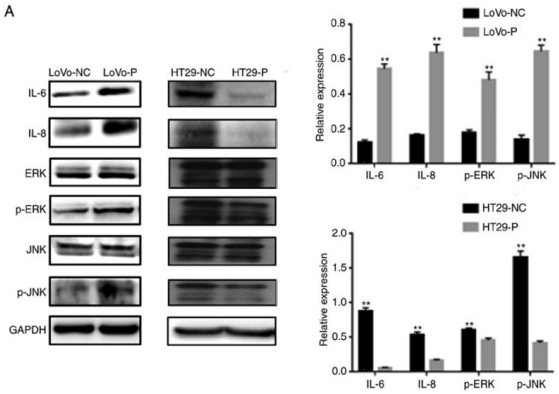
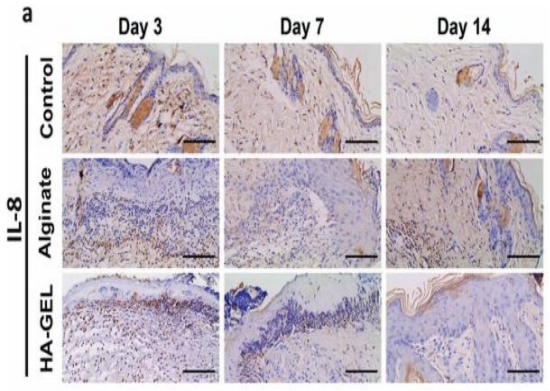


qRT-PCR and western blot results. (A, B) qRT-PCR results showed that CD274 and IL8 were upregulated in the basal-like breast cancer cell lines BT549 and MDA-MB-231 (p 0.0001). Similar to the qRT-PCR results, the western blot analysis (C–E) indicated tha



PRL-3-induced activation of IL-6 and IL-8 by initiating JNK and ERK pathways in TAMs. (A) After co-culture with colorectal cancer cells, IL-6, IL-8, p-JNK, and p-ERK levels in TAMs were examined using western blot assays.



Immunohistochemical staining of a) IL-8 and b) MCP-1 in the wound bed on day 3, 7, and 14. Scale bars represent 100 µm. c) Semiquantitative analysis of IL-8 and MCP-1, double-blind analysis by using a four-point scale (0, no positive cells; 1, low number

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