

Product Datasheet

Eotaxin/CCL11 Antibody (orb312095)

Catalog Number	orb312095
Category	Antibodies
Description	Anti-Eotaxin/CCL11 Antibody. Tested in ELISA, WB applications. This antibody reacts with Human.
Target	Eotaxin
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Purification	Immunogen affinity purified.
Immunogen	E. coli-derived human Eotaxin recombinant protein (Position: G24-P97). Human Eotaxin shares 61.6% and 63% amino acid (aa) sequence identity with mouse and rat Eotaxin, respectively.
UniProt ID	P51671
MW	11, 15 kDa
Tested applications	ELISA, IHC, WB

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Application notes	Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human ELISA, 0.1-0.5µg/ml, -. Add 0.2ml of distilled water will yield a concentration of 500ug/ml
Specificity	No cross reactivity with other proteins.
Cross Reactivity	No cross-reactivity with other proteins
Antibody Type	Primary Antibody
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



Western blot analysis of Eotaxin using anti-Eotaxin antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. Lane 1: HELA Whole Cell Lysate at 40 ug. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Eotaxin antigen affinity purified polyclonal antibody at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Eotaxin at approximately 11 kDa. The expected band size for Eotaxin is at 11 kDa.

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