

**DESCRIPTION**

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CCL14/HCC-1/HCC-3 in ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human CCL1, 2, 3, 5, 7, 8, 11, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, recombinant mouse CCL2, 3, 4, 6, 7, 9, 11, 12, 19, 20, 21, 22, 24, 25, or recombinant rat CCL20 is observed.
<b>Source</b>	Recombinant Monoclonal Rat IgG <sub>2A</sub> Clone # 256409
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human CCL14/HCC-1/HCC-3 Thr20-Asn109 Accession # NP_116738
<b>Conjugate</b>	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 nm
<b>Formulation</b>	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

<b>ELISA Capture (Matched Antibody Pair)</b>	Optimal dilution of this antibody should be experimentally determined.
<b>ELISA Detection (Matched Antibody Pair)</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Neutralization</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Western Blot</b>	Optimal dilution of this antibody should be experimentally determined.

**PREPARATION AND STORAGE**

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

**BACKGROUND**

CCL14 is a chemokine that promotes chemotaxis of T cells, monocytes, and eosinophils. It occurs in two isoforms resulting from differential mRNA splicing. Following cleavage of a 19 amino acid signal peptide, mature CCL14a (aa 20-93) is a 74 amino acid peptide that is also known as HCC-1 (Hemofiltrate CC Chemokine-1). It is a weak CCR1 agonist, however, an 8 amino acid N-terminal truncation (aa 28-93) allows potent signaling through CCR1 and CCR5. CCL14b, also known as HCC-3, is a 90 amino acid peptide (aa 20-109) resulting from the insertion of 16 amino acids between residues 7 and 8 of CCL14a.

**PRODUCT SPECIFIC NOTICES**

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