



# Anti-CXCL14 monoclonal antibody, clone 242230 (DCABY-4074)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Breast and kidney-expressed chemokine (CXCL14/BRAK), also named MIP-2 gamma, kidney-expressed chemokine (KEC), and B cell and monocyte-activating chemokine (BMAC), is a member of CXC chemokine subfamily. Mature human and mouse BRAK differ by only two residues. BRAK transcripts are constitutively expressed at high levels in the basal layer of epidermal keratinocytes and dermal fibroblasts of skin tissues as well as lamina propria cells in normal intestinal tissues.
<b>Specificity</b>	Detects human CXCL14/BRAK in ELISAs and Western blots. In direct ELISAs, shows approximately 80% cross-reactivity with recombinant mouse (rm)CXCL14/BRAK and no cross-reactivity with recombinant human (rh)GRO alpha, rhGRO beta, rhGRO gamma, rhMIP-1 alpha, rmMIP-1 alpha, rmMIP-1 beta, rhMIP-1 delta, rmMIP-1 gamma, rmMIP-2, rhMIP-3 alpha, rmMIP-3 alpha, rrMIP-3 alpha, rhMIP-3 beta, or rmMIP-3 beta.
<b>Immunogen</b>	E. coli-derived recombinant human CXCL14/BRAK. Leu23-Tyr99 Accession Number O95715
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	242230
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, ELISA Capture (Matched Pair)
<b>Format</b>	Liquid

<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CXCL14 chemokine (C-X-C motif) ligand 14 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CXCL14
<b>Synonyms</b>	CXCL14; chemokine (C-X-C motif) ligand 14; KEC; KS1; BMAC; BRAK; NJAC; MIP2G; MIP-2g; SCYB14; C-X-C motif chemokine 14; bolekine; MIP-2 gamma; chemokine BRAK; breast and kidney; tumor-suppressing chemokine; small-inducible cytokine B14; CXC chemokine in b
<b>Entrez Gene ID</b>	<a href="#">9547</a>
<b>Protein Refseq</b>	<a href="#">NP_004878</a>
<b>UniProt ID</b>	<a href="#">O95715</a>
<b>Chromosome Location</b>	5q31
<b>Pathway</b>	Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Senescence and Autophagy;
<b>Function</b>	chemokine activity;