



# Mouse anti-Human IFNK monoclonal antibody, clone 2C8 (CABT-B10447)

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

## PRODUCT INFORMATION

|                              |  |
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| <b>Immunogen</b>             | IFNK (NP_064509, 35 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Isotype</b>               | IgG2a  |
| <b>Source/Host</b>           | Mouse  |
| <b>Species Reactivity</b>    | Human  |
| <b>Clone</b>                 | 2C8  |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Applications</b>          | WB, ELISA  |
| <b>Sequence Similarities</b> | VHLRRVTWQNLRLHSSMSNSFPVECLRENI AFELPQEFLQYTQPMKRDIKKA FYEMSLQA<br>FNIFSQHTFKYWKERHLKQIQIGLDQQA EYLNQCL*          |
| <b>Format</b>                | Liquid   |
| <b>Size</b>                  | 100 µg   |
| <b>Buffer</b>                | In 1x PBS, pH 7.2  |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |

## BACKGROUND

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| <b>Introduction</b> | This gene encodes a member of the type I interferon family. Type I interferons are a group of related glycoproteins that play an important role in host defenses against viral infections. This |
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protein is expressed in keratinocytes and the gene is found on chromosome 9, adjacent to the type I interferon cluster. [provided by RefSeq, Jul 2008]

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| <b>Keywords</b> | IFNK; interferon, kappa; IFNT1; INFE1; interferon kappa; IFN-kappa; interferon-like protein; |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">56832</a> |
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| <b>UniProt ID</b> | <a href="#">Q9P0W0</a> |
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| <b>Pathway</b> | Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; RIG-I-like receptor signaling pathway, organism-specific biosystem; RIG-I-like receptor signaling pathway, conserved biosystem |
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| <b>Function</b> | cytokine activity; interferon-alpha/beta receptor binding |
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