Datasheet: MCA5751

**Description:** MOUSE ANTI HUMAN EOSINOPHIL MAJOR BASIC PROTEIN

**Specificity:** EOSINOPHIL MAJOR BASIC PROTEIN

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** BMK-13

**Isotype:** IgG1

**Quantity:** 0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen(1)</td>
<td>□</td>
<td></td>
<td>1/20 - 1/50</td>
</tr>
<tr>
<td>Immunohistology - Paraffin(2)</td>
<td>□</td>
<td></td>
<td>1/20 - 1/50</td>
</tr>
</tbody>
</table>

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

1. It is recommended that sections are fixed in a 1:1 mixture of acetone and methanol and air-dried for 1 hour. Good results may be achieved via staining with the APAAP method.
2. This product requires enzymatic pre-treatment of paraffin sections prior to staining. Pepsin is recommended for this purpose. NB. Heat-mediated antigen retrieval methods should not be used.

### Target Species

Human

### Species Cross Reactivity

- Reacts with: Rat
- Reacts weakly with: Guinea Pig

**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form

Purified IgG - liquid

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

- 0.02% Sodium Azide (NaN₃)
- 0.1% Bovine Serum Albumin

### Approx. Protein Concentrations

IgG concentration 0.1mg/ml

### External Database Links

[UniProt](https://www.uniprot.org/uniprot/P13727)  Related reagents

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### Synonyms
MBP

### Specificity
**Mouse anti Human Eosinophil Major Basic Protein antibody, clone BMK-13** reconnises the Eosinophil Major Basic Protein (EMBP), a 117 amino acid protein, corresponding to residues 106-222 of Bone marrow proteoglycan (precursor). Mouse anti Human Eosinophil Major Basic Protein antibody, clone BMK-13 stains both resting and activated eosinophils of bronchial and skin sections of allergic and normal sites and may be considered a Pan eosinophil marker. Mouse anti Human Eosinophil Major Basic Protein antibody, clone BMK-13 cross reacts weakly with basophils which also contain low levels of EMBP. No cross reactivity with other human cells or proteins has been noted.

### References

### Storage
Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

### Shelf Life
18 months from date of despatch.

### Health And Safety Information
# Related Products

## Recommended Secondary Antibodies

<table>
<thead>
<tr>
<th>Antibody Description</th>
<th>Detection Labels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit Anti Mouse IgG (STAR8...)</td>
<td><a href="#">DyLight®800</a></td>
</tr>
<tr>
<td>Goat Anti Mouse IgG (STAR76...)</td>
<td><a href="#">RPE</a></td>
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<tr>
<td>Goat Anti Mouse IgG (STAR77...)</td>
<td><a href="#">HRP</a></td>
</tr>
<tr>
<td>Rabbit Anti Mouse IgG (STAR9...)</td>
<td><a href="#">FITC</a></td>
</tr>
<tr>
<td>Goat Anti Mouse IgG IgA IgM (STAR87...)</td>
<td><a href="#">Alk. Phos., HRP</a></td>
</tr>
<tr>
<td>Rabbit Anti Mouse IgG (STAR12...)</td>
<td><a href="#">RPE</a></td>
</tr>
<tr>
<td>Rabbit Anti Mouse IgG (STAR13...)</td>
<td><a href="#">HRP</a></td>
</tr>
<tr>
<td>HuCAL Anti Mouse IgG1 (HCA036...)</td>
<td><a href="#">HRP</a></td>
</tr>
<tr>
<td>Goat Anti Mouse IgG (Fc) (STAR120...)</td>
<td><a href="#">FITC, HRP</a></td>
</tr>
<tr>
<td>Goat Anti Mouse IgG (STAR70...)</td>
<td><a href="#">FITC</a></td>
</tr>
<tr>
<td>Goat Anti Mouse IgG (H/L) (STAR117...)</td>
<td><a href="#">Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®800, FITC, HRP</a></td>
</tr>
</tbody>
</table>

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