

**Monoclonal Anti-K2**

**Specification Sheet**

|                           |   |
|---------------------------|---|
| <b>Catalog #:</b>         | MK011   |
| <b>Lot #:</b>             | 1419  |
| <b>Description:</b>       | Mab to K2   |
| <b>Specificity:</b>       | JWH-018 100%<br>JWH-073 130%<br>JWH-018 N-(4-hydroxypentyl), metabolite 900%<br>JWH-018 5-pentanoic acid, metabolite 1050%<br>JWH-073 N-(3-hydroxybutyl), metabolite 950% |
| <b>Clone:</b>             | 2D3H5   |
| <b>Host Animal:</b>       | Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse   |
| <b>Isotype:</b>           | IgG1  |
| <b>Source:</b>            | Mouse ascites   |
| <b>Immunogen:</b>         | K2--BTG   |
| <b>Format:</b>            | Purified, liquid  |
| <b>Purification:</b>      | DEAE chromatography   |
| <b>Concentration:</b>     | 4.16 mg/ml (OD280 nm, E <sup>0.1%</sup> = 1.40)   |
| <b>Affinity Constant:</b> | Not determined  |
| <b>Buffer:</b>            | 0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> , pH7.2  |
| <b>Pairing Assays:</b>    | N/A   |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE   |
| <b>Application:</b>       | For K2 quantitative assays by EIA   |
| <b>Storage:</b>           | 2-8° C for 1 year. Long-term store at -20° C  |

**For research use only**