# Product datasheet for TA811547BM

## KEL Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI5E6]

## Product data:

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| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI5E6 |
| **Applications:** | WB |
| **Recommended Dilution:** | WB 1:2000 |
| **Reactivity:** | Human |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Human recombinant protein fragment corresponding to amino acids 166-420 of human KEL (NP_000411) produced in E.coli. |
| **Formulation:** | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| **Concentration:** | 0.5 mg/ml |
| **Purification:** | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| **Conjugation:** | HRP |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 82.6 kDa |
| **Gene Name:** | Kell blood group, metallo-endopeptidase |
| **Database Link:** | NP_000411<br>Entrez Gene 3792 Human<br>P23276 |
| **Background:** | This gene encodes a type II transmembrane glycoprotein that is the highly polymorphic Kell blood group antigen. The Kell glycoprotein links via a single disulfide bond to the XK membrane protein that carries the Kx antigen. The encoded protein contains sequence and structural similarity to members of the neprilysin (M13) family of zinc endopeptidases. [provided by RefSeq, Jul 2008] |

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| **Synonyms:** | CD238; ECE3 |
| **Protein Families:** | Druggable Genome, Protease, Transmembrane |

## Product images:
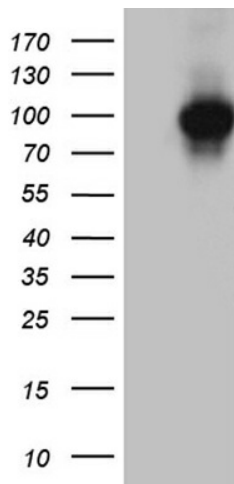


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KEL ([RC201127], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KEL. (1:2. Positive lysates [LY400148] (100ug) and [LC400148] (20ug) can be purchased separately from OriGene.