Anti-Human HEXIM1 Antibody [K40046_17C2]

Catalog No. K40046M17C02C

**Overview**

Product name: Anti-Human HEXIM1 Antibody [K40046_17C2]
Antibody specificity: HEXIM P-TEFb complex subunit 1
Species reactivity: Human
Clonality: Monoclonal
Clone number: K40046_17C2
Host / isotype: Mouse / IgG2a
Immunogen: Recombinant Human HEXIM1
Cross reactivity: Not tested
Kinetic characterization by BLI (biolayer interferometry): Not tested
Purification: Protein A purified from cell culture supernatants
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
Conjugation: Unconjugated
Shipping, storage and shelf life:
- * 3 months when stored at 2 to 8 °C
- * 1 year when aliquoted and stored at -20 °C
- * 3 years when aliquoted and stored at -80 °C

**Applications**

<table>
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<th>Application</th>
<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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<tr>
<td>Immunohistochemistry-paraffin (IHC-P)</td>
<td>7.5 µg/mL</td>
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**Note:**
- * The applications above have already been verified. The antibody may be suitable for additional applications.
- * Optimal antibody concentrations for each application should be determined by the user.

**Additional information**

Target antigen
- Protein name: HEXIM P-TEFb complex subunit 1
- Gene name: HEXIM1
- UniProt Accession: O94992
- Organism: *Homo sapiens* (Human)
**Product data**

**Immunohistochemistry**
IHC-P analysis of human placenta tissue by anti-human HEXIM1 antibody (K40046_17C2).
IHC-P was performed using sections of the formalin-fixed paraffin-embedded human placenta tissue. Antigen was retrieved through addition of boiling Tris/EDTA buffer pH 9 in a pressure cooker for 3 min. Endogenous peroxidase activity was quenched by incubating the sections with 3% H₂O₂ for 30 min at room temperature. The sections were then incubated with anti-human HEXIM1 primary antibody (K40046_17C2) at 7.5 µg/mL at room temperature for 1 h. Poly-peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. Diaminobenzidine was used as the chromogen. The section was counterstained with hematoxylin. A tissue section incubated with phosphate-buffered saline followed by incubation with the secondary antibody was used as the background control.

Result: Decidual cells and trophoblastic cells are positively stained at the nuclei and cytoplasm.