

**DESCRIPTION**

<b>Specificity</b>	Detects N-terminal and C-terminal HA-tagged proteins in Western blot.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 1049F
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	HA Tag peptide Accession # ABB51961
<b>Formulation</b>	Supplied as a solution in PBS containing BSA, Glycerol and Sodium Azide. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.1 µg/mL	See Below
<b>Immunocytochemistry</b>	8-25 µg/mL	See Below
<b>Immunoprecipitation</b>	1-4 µg/100 µg cell lysate	HEK293 human embryonic kidney cell line transfected with C-terminal HA-tagged LRRN5 and N-terminal HA-tagged MICA, see our available <a href="#">Western blot detection antibodies</a> .
<b>Simple Western</b>	1 µg/mL	See Below

**DATA**

**Western Blot**

**Detection of HA-tagged proteins by Western Blot.** Western blot shows lysates of HEK293 human embryonic kidney cell line transfected with N-terminal HA-tagged MICA, C-terminal HA-tagged TRANCE, and C-terminal HA-tagged LRRN5. PVDF membrane was probed with 0.1 µg/mL of Rabbit Anti-HA Monoclonal Antibody (Catalog # MAB0601) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). Specific bands were detected for HA-tagged proteins at approximately 70 kDa, 40 kDa, and 77 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

**Immunocytochemistry**

**HA Tag in NS0 Mouse Cell Line.** HA was detected in immersion fixed NS0 mouse myeloma cell line transfected with HA-tagged WISP-2 using Rabbit Anti-HA Monoclonal Antibody (Catalog # MAB0601) at 3 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Rabbit IgG Secondary Antibody (red; Catalog # NL004) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for [Fluorescent ICC Staining of Non-adherent Cells](#).

**Simple Western**

**Detection of HA-tagged proteins by Simple Western™.** Simple Western lane view shows lysates of HEK293 human embryonic kidney cell line transfected with C-terminal HA-tagged LRRN5 and N-terminal HA-tagged MICA, loaded at 0.1 mg/mL. Specific bands were detected for HA-tagged proteins at approximately 87 and 106 kDa (as indicated) using 1 µg/mL of Rabbit Anti-HA Monoclonal Antibody (Catalog # MAB0601). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.

**PREPARATION AND STORAGE**

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C, as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after opening.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after opening.</li> </ul>

**PRODUCT SPECIFIC NOTICES**

\* Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to SDS for additional information and handling instructions.