

Datasheet for ABIN965414

DYKDDDDK Tag Chemiluminescent Western Blotting Kit[Go to Product page](#)**2** Images

Overview

Quantity:	1 kit
Target:	DYKDDDDK Tag
Application:	Dot Blot (DB), Western Blotting (WB)

Product Details

Target Details

Target:	DYKDDDDK Tag
Abstract:	DYKDDDDK Tag Products
Target Type:	Tag
Background:	<p>The DYKDDDDK epitope is a small but highly immunogenic peptide DYKDDDDK (N-Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys-C) which allows fusion proteins to retain their original conformation and function. The hydrophilic character of this sequence increases the likelihood that it will be located on the surface of DYKDDDDK -tagged recombinant proteins for reaction with anti-DYKDDDDK antibodies. The anti-DYKDDDDK antibody included in this Western blot kit detects DYKDDDDK -tagged recombinant proteins fused with DYKDDDDK tag either at the amino-terminus or carboxy-terminus of the protein.</p> <p>Synonyms: Western Blotting Kit, Chemiluminescent Kit, Peroxidase Kit, Immunoblotting Kit, DYKDDDDK, HRP anti DYKDDDDK</p>

Application Details

Application Notes:	Use Anti-DYKDDDDK Chemiluminescent Kit for Western Blotting for detection of DYKDDDDK -
--------------------	---

Application Details

tagged recombinant proteins by Western blot. This kit is useful for both "Western blotting" and "dot blotting" methods. After protein separation and transfer, the membrane is probed with Anti-DYKDDDDK . Detection of the membrane bound antibody-antigen complex is achieved by the addition of a secondary antibody conjugated to the enzyme horseradish peroxidase. The enzyme reacts with a specialized formulation of luminol, an extremely sensitive, non-radioactive substrate that emits light and allows visualization using X-ray film or other imaging methods, including highly sensitive CCD cameras and imaging systems.

Comment: Detection Kit Type: Chemiluminescent Western Blot Kit

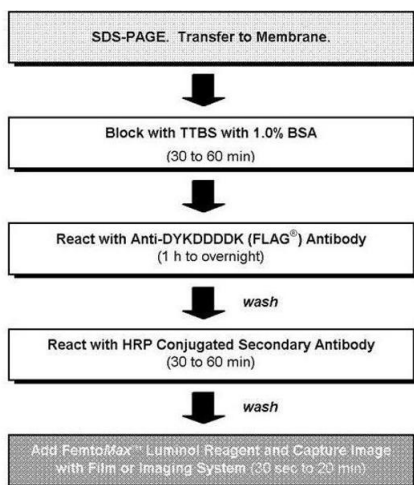
Restrictions: For Research Use only

Handling

Handling Advice: Wash buffers MUST NOT contain SODIUM AZIDE or other inhibitors of peroxidase activity!

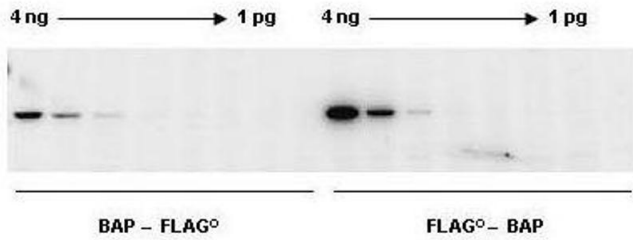
Storage: RT/4 °C

Images



Western Blotting

Image 1.



Western Blotting

Image 2. Western Blot. Anti-DYKDDDDK (FLAG®) Chemiluminescent Kit for Western blot was used to detect known amounts of bacterial alkaline phosphatase (BAP) protein containing the epitope tag. N-terminal linked and C-terminal linked BAP were diluted into a HeLa whole cell lysates. After separation by SDS-PAGE lysates were transferred to a membrane which was blocked with 5% BLOTTO in TTBS for 1 h at 4 °C. The blot was probed with Anti-DYKDDDDK (FLAG®) followed by HRP anti-Mouse IgG at 1:10,000 dilution in blocking buffer for 1 h at 4°C.