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**Product Name: Ephrin A1 Rabbit Monoclonal Antibody****Catalog #: AMRe86826**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	Calculated MW:24 kDa; Observed MW:24 kDa

**Antigen Information**

<b>Gene Name</b>	Ephrin A1
<b>Alternative Names</b>	B61; EFL1; ECKLG; EPLG1; LERK1; LERK-1; TNFAIP4
<b>Gene ID</b>	1942
<b>SwissProt ID</b>	P20827
<b>Immunogen</b>	A synthetic peptide of human Ephrin A1

**Background**

This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous

system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data

HUVEC

kDa

250 -

150 -

100 -

75 -

50 -

37 -

25 -

20 -

15 -

10 -



Western blot analysis of extracts from HUVEC cells using Ephrin A1 Rabbit Monoclonal Antibody at 1:1000.